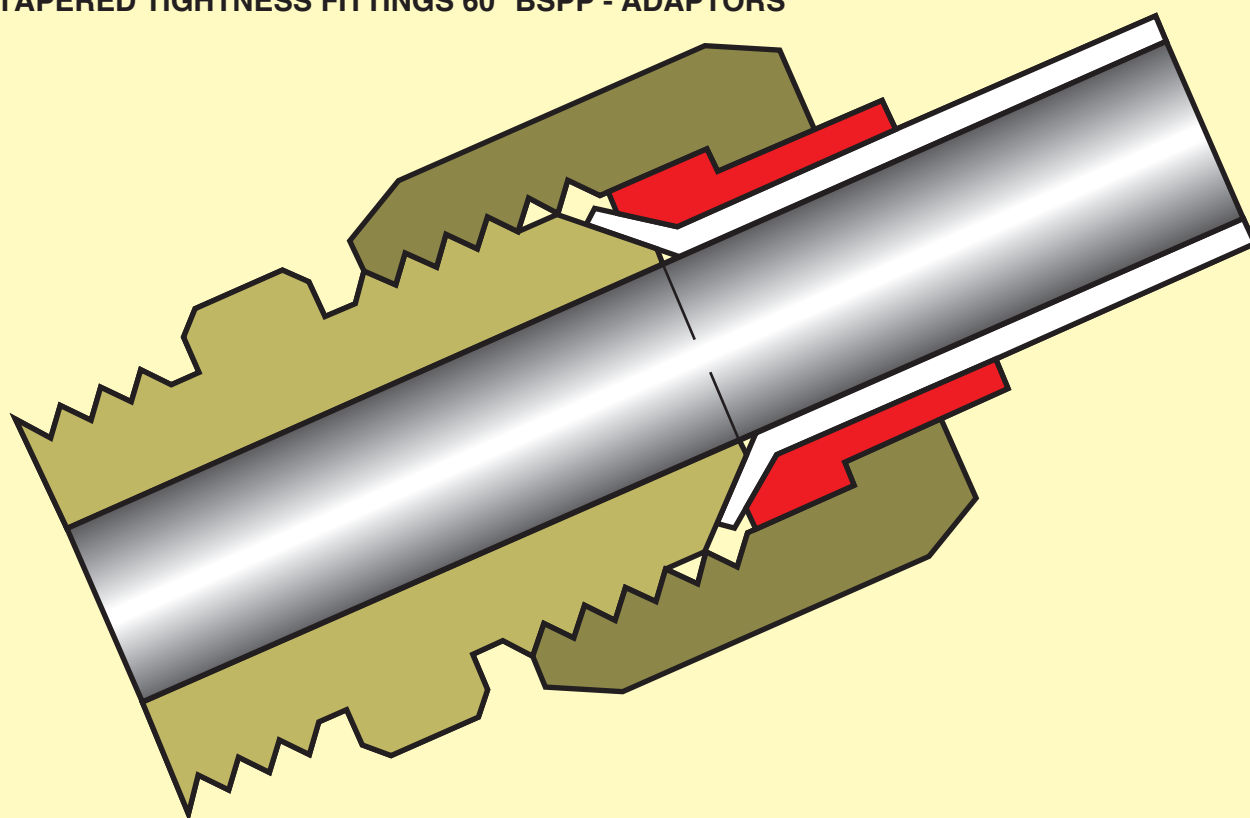


RACCORDI PER TUBI SVASATI - SAE J 514 - 37°
RACCORDI A TENUTA CONICA 60° BSPP - ADATTATORI
RACCORDS POUR TUBES EVASES - SAE J 514 - 37°
RACCORDS AVEC ETANCHEITE CONIQUE 60° BSPP - ADAPTATEURS
FITTINGS FOR FLARED TUBES - SAE J 514 - 37°
TAPERED TIGHTNESS FITTINGS 60° BSPP - ADAPTORS



37° ROHRVERSCHRAUBUNGEN FÜR BÖRDELROHR SAE J 514
DICHTKEGEL - VERSCHRAUBUNGEN 60° BSPP - ADAPTER
RACORES PARA TUBOS ABOCARDADOS - SAE J 514 - 37°
RACORES DE CIERRE CONICO 60° BSPP - ADAPTADORES



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RASTELLI
RACCORDI - s.r.l.
27019 VILLANTERIO (PV) - ITALIA



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- CATALOGO:** RACCORDI PER TUBI SVASATI - SAE J 514 - 37°
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- CATALOGUE:** RACCORDS POUR TUBES EVASES - SAE J 514 - 37°
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- CATALOGUE:** FITTINGS FOR FLARED TUBES - SAE J 514 - 37°
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- KATALOG:** 37° ROHRVERSCHRAUBUNGEN FÜR BÖRDELROHR SAE J 514
DICHTKEGEL VERSCHRAUBUNGEN 60° BSPP - ADAPTER
- CATÁLOGO:** RACORES PARA TUBOS ABOCARDADOS - SAE J 514 - 37°
RACORES DE CIERRE CONICO 60° BSPP - ADAPTADORES



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QUALITÄTSZERTIFIKATE
QUALITY CERTIFICATES
CERTIFICATION DE QUALITE
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ISO 9001

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Certification



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– ZERTIFIKATE	N° IT323095
– CERTIFICATE	N° IT323095
– CERTIFICATION	N° IT323095
– CERTIFICADO	N° IT323095



– CERTIFICATO	N° 50 100 16929
– ZERTIFIKATE	N° 50 100 16929
– CERTIFICATE	N° 50 100 16929
– CERTIFICATION	N° 50 100 16929
– CERTIFICADO	N° 50 100 16929



ESECUZIONE:

ACCIAIO AL CARBONIO

● ACCIAIO INOX AISI 316L

FABRICATION:

ACIER AU CARBONE

● ACIER INOX AISI 316L

EXECUTION:

CARBON STEEL

● STAINLESS/STEEL AISI 316L

HERSTELLUNG:

KOHLENSTAHL

● EDELSTHAL AISI 316L

CONSTRUCCION:

ACERO AL CARBONIO

● ACERO INOXIDABLE AISI 316L

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- Die Artikel auf buntem Hintergrund stehen zur Verfügung mit sofortiger bis 60-Tage Lieferzeit. Preis: ausgeschlossen vom Höchsttrabatt.
- The articles on a coloured background are available on request with prompt to 60-days delivery. Price: excluded from maximum discount.
- Les articles sur fond coloré sont disponibles sur demande avec livraison d'immédiate jusqu'à 60 jours. Prix: exclus de l'escompte maximum.
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PER ORDINARE RACCORDI IN ACCIAIO INOX
SOSTITUIRE LA LETTERA "T" CON LA LETTERA "I"

ES.: TBA23..... RACCORDO IN ACCIAIO AL CARBONIO
IBA23..... RACCORDO IN ACCIAIO INOX

POUR COMMANDER LES RACCORDS EN ACIER INOXYDABLE
REEMPLACER LA LETTRE "T" PAR LA LETTRE "I"

EX.: TBA23..... RACCORD EN ACIER AU CARBONE
IBA23..... RACCORD EN ACIER INOXYDABLE

TO ORDER STAINLESS STEEL FITTINGS
REPLACE BEFORE THE ORDER CODE THE LETTER "T" WITH
LETTER "I"

EX.: TBA23..... CARBON STEEL FITTING
IBA23..... STAINLESS STEEL FITTING

ZUR BESTELLUNG VON VERSCHRAUBUNGEN AUS EDELSTAHL
ERSETZEN SIE DIE BUCHSTABE "T" MIT DER BUCHSTABE "I"

Z.B.: TBA23..... VERSCHRAUBUNG AUS KOHLENSTAHL
IBA23..... VERSCHRAUBUNG AUS EDELSTAHL

PARA PEDIR RACORES EN ACERO INOX
SOSTITUIR LA LETRA "T" CON LA LETRA "I"

ES.: TBA23..... RACOR EN ACERO AL CARBONIO
IBA23..... RACOR EN ACERO INOXIDABLE



RACCORDI PER ALTA PRESSIONE TIPO SAE

Grazie alle sue particolari caratteristiche, il raccordo SAE J 514 - 37° per condutture in tubi d'acciaio laminato senza saldatura garantisce un montaggio meccanico altamente sicuro.

- Il raccordo per tubi svasati a 37° è composto da tre parti: corpo raccordo, dado e bussola.
 - Il terminale svasato del tubo è bloccato fra due superfici coniche: cono del corpo e bussola. La tenuta è realizzata senza alcuna deformazione di nessun particolare ma solo in modo meccanico.
 - La bussola è autocentrante, essendo caratterizzata da un gioco fra il dado e il tubo, garantisce allineamento corretto fra svasatura bussola e cono del corpo. Viene quindi utilizzata come anello di bloccaggio e supporto del tubo.
 - La pressione di scoppio del raccordo è di gran lunga superiore rispetto a quella del tubo a cui viene collegato.
- Questa caratteristica offre una maggiore garanzia di sicurezza.

APPROVAZIONI

- Norma A.S.M.E.: il raccordo SAE J 514 - 37° soddisfa le specifiche stabilite da A.S.M.E. relative ai tubi ad alta pressione.
- S.A.E. J 514: il raccordo SAE J 514 - 37° soddisfa le normative pubblicate nello standard S.A.E. relativo ai raccordi idraulici.
- Militar Standard da MS 51500 a MS 51534: il raccordo SAE J 514 - 37° soddisfa le specifiche relative ai raccordi svasati a 37° in acciaio al carbonio o in acciaio inossidabile.

RACCORDS POUR HAUTE PRESSION TYPE SAE

Par ses caractéristiques spéciales, le raccord SAE J 514 - 37° pour conduites en acier laminé sans soudures garantit un montage mécanique de haute sécurité.

- Le raccord pour tubes évasés à 37° se compose de trois parties: corps du raccord, écrou et fourreau.
 - L'embout évasé du tube est bloqué entre deux surfaces coniques: cône du corps et fourreau.
- Le joint est fait mécaniquement sans aucune déformation d'élément.
- La fourreau est autocentrante par une possibilité de jeu entre l'écrou et le tube, ce qui garantit un alignement correct entre évasement de la fourreau et cône du corps, et fait fonction dans ce cas d'anneau de bloquage et de support du tube.
 - La pression d'éclatement du raccord est très loin supérieure à celle du tube auquel celui-ci est relié.
- Cette caractéristique offre une plus grande sécurité.

APPROBATIONS

- Normes A.S.M.E.: le raccord SAE J 514 - 37° satisfait les règles établies par A.S.M.E. relatives aux tubes à hautes pressions.
- S.A.E. J 514: le raccord SAE J 514 - 37° satisfait les règles publiées dans le standard S.A.E. relatives aux raccords hydrauliques.
- Militar standard de MS 51500 à MS 51534: le raccord SAE J 514 - 37° satisfait aux règles relatives aux raccords évasés à 37° en acier au carbone ou acier inoxydable.

SAE-TYPE HIGH PRESSURE FITTINGS

The particular features of the SAE J 514 - 37° fitting for ducts consisting of weldless, rolled-steel pipes guarantee a very level of mechanical assembly safety.

- The fitting for pipes flared at 37° consists of three parts: fitting body nut and bush.
 - The flared end of the pipes is held between two coneshaped surfaces: body cone and bush. The seal is simply formed by means of a mechanical operation without any part being deformed.
 - The bush is self-centring with a degree of clearance between the nut and the pipe which ensures the correct alignment between the bush flare and the body cone and is therefore used as a ring to hold and support the pipe.
 - The fitting's bursting pressure is far higher than that of the pipe it is connected to.
- This feature gives a greater guarantee of safety.

APPROVALS

- A.S.M.E. standard: the SAE J 514 - 37° fitting conforms with the specification laid down by A.S.M.E. for high-pressure pipes.
- S.A.E. J 514: the SAE J 514 - 37° fitting conforms with the provisions published in the S.A.E. standard for hydraulic fittings.
- Militar Standards from MS 51500 to MS 51534: the SAE J 514 - 37° fitting conforms with specifications for 37° flared fittings made of carbon steel or stainless steel.

HOCHDRUCKVERSCHRAUBUNGEN TYP SAE

Die 37° Verschraubung SAE J 514 für Rohrleitungen aus Walzstahl ohne Schweißstellen garantiert dank ihrer besonderen Merkmale eine mechanische Montage von hoher Sicherheit.

- Die Verschraubung für Rohrleitungen mit einer Bördelung von 37° besteht aus drei Teilen: Verschraubungskörper, Überwurfmutter und Stützhülse.
 - Das gebördelte Endstück der Rohrleitung ist zwischen zwei kegeligen Oberflächen eingespannt. Die Spannung ist deformationslos und ausschließlich mechanisch.
 - Die Stützhülse ist selbstzentrierend. Ihr Spiel zwischen der Überwurfmutter und der Rohrleitung bewirkt eine perfekte Ausrichtung zwischen der Stützhülse und dem Konus des Körpers, wodurch die Stützhülse als Sperring und Rohrlagerung dient.
 - Der Platzdruck der Verschraubung ist weitaus höher als der des Rohrs, mit dem sie verbunden wird.
- Diese Eigenschaft bietet eine höhere Sicherheitsgarantie.

ZULASSUNGEN

- A.S.M.E.-Norm: die 37° Verschraubung SAE J 514 erfüllt die A.S.M.E.-Vorgaben für Hochdruckrohrleitungen.
- SAE J 514: die 37° Verschraubung SAE J 514 entspricht den Vorschriften, die im SAE-Standard für Verschraubungen für Wasserrohrleitungen angegeben sind.
- Militar Standard MS 51500 bis MS 51534: Die Verschraubung SAE J 514 erfüllt die Vorschriften für 37° - Bördelverschraubungen aus Kohlenstoffstahl Oder aus rostfreiem Stahl.

RACORERIA PARA ALTA PRESIÓN TIPO SAE

El racor SAE J 514 - 37° destinado a conducciones en tubería de acero estirado sin soldadura, dadas sus características intrínsecas, garantiza una alta seguridad de montaje mecánico:

- Racor para tubería abocardada de asiento cónico a 37°; el cual se compone de tres piezas: tuerca, férula y cuerpo.
- El tubo es presionado sobre su espesor entre la superficie del cuerpo del racor y la de la férula.
- El anclaje y la estanqueidad se obtienen mecánicamente, sin que por ello la pieza sufra deformación alguna.
- La férula es usada como soporte de la tubería, al mismo tiempo que protege a ésta. La férula es auto-centrante; existe un juego entre ésta y la tuerca, que permite la correcta alineación de la férula aunque el tubo presente un ligero defecto de alineación axial o angular.
- La presión de estallido del racor es muy superior a la presión de estallido del tubo al cual va destinado, característica que ofrece una mayor seguridad y garantía.

NORMALIZACIÓN

- Norma A.S.M.E.: las especificaciones definidas por el A.S.M.E. para tubos de alta presión son cumplidas por el racordaje SAE J 514 - 37°.
- S.A.E. J 514: el racor SAE J 514 - 37° cumple la normalización que se publica en el standard S.A.E. sobre racores hidráulicos.
- Militar Standard MS 51500 a MS 51534: las especificaciones sobre racores abocardados a 37° fabricados en acero al carbono o en acero inoxidable se cumplen también en el racordaje SAE J 514 - 37°.



MATERIALE

I raccordi SAE J 514 - 37° vengono costruiti da corpi forgiati o da barre in acciaio conformi alle seguenti specifiche:

SPECIFICHE	ITALIANE	TEDESCHE	FRANCESI	INGLESI	AMERICANE
Bussole ricavate da barre	UNI EN 10277 11S Mn Pb 37	DIN W-Nr. 1.0737	AFNOR S 300 Pb	- -	ASTM A 108 C 1137
Dadi stampati	-	DIN W-Nr. 1.0214/1.0502	AFNOR CC 45	- -	ASTM A 576 C 1110
Dadi ricavati da barre	UNI EN 10277 11S Mn Pb 37	DIN W-Nr. 1.0737	AFNOR S 300 Pb	BS 970 PTI 220 Mo 7 Pb	ASTM A 108 12 L14
Corpi ricavati da barre	UNI EN 10277 11S Mn Pb 37	DIN W-Nr. 1.0737	AFNOR S 300 Pb	BS 970 PTI 220 Mo 7 Pb	ASTM A 108 12 L14
Corpi forgiati	UNI 4838 CF 9S Mn 28	DIN W-Nr. 1.0715	AFNOR S200	BS 970 PTI 220 Mo 7	ASTM A 576 12 L14

- PROTEZIONE: trattamento di passivazione BIANCA Fe/Zn 8-UNI ISO 2081 con cromo trivalente (esente da cromo esavalente) con SIGILLANTE in ottemperanza alla NORMATIVA EUROPEA 200/53 CE.

DIMENSIONI DELLA FILETTATURA:

- A) Misura raccordo per tubo in pollici: 8=DIMENSIONE JIC=1/2" (NPTF-BSPT-BSPP).
B) Misura raccordo per tubo in millimetri: 1/2" (NPTF-BSPT-BSPP) 3/4-16" (UNF 2A) M16 (Metrico).

DIAMETRO ESTERNO DEL TUBO:

- A) Misura raccordo per tubo in pollici: 8=DIMENSIONE JIC=DIAMETRO EST. 1/2".
B) Misura raccordo per tubo in millimetri: 12=TUBO DIAM. EST. 12 mm.

MATERIEUX

Les raccords SAEJ514.37° sont construits en corps forgés ou en barres acier conformes aux normes ci-dessous:

DESIGNATIONS	ITALIENNES	ALLEMANDES	FRANCAISES	ANGLAISES	AMERICAINES
Forreaux pirs dans les barres	UNI EN 10277 11S Mn Pb 37	DIN W-Nr. 1.0737	AFNOR S 300 Pb	- -	ASTM A 108 C1137
Ecrous moulés	-	DIN W-Nr. 1.0214/1.0502	AFNOR CC 45	- -	ASTM A 576 C1110
Ecrous pris dans des barres	UNI EN 10277 11S Mn Pb 37	DIN W-Nr. 1.0737	AFNOR S 300 Pb	BS 970 PTI 220 Mo 7 Pb	ASTM A 108 12 L14
Corps pris dans des barres	UNI EN 10277 11S Mn Pb 37	DIN W-Nr. 1.0737	AFNOR S 300 Pb	BS 970 PTI 220 Mo 7 Pb	ASTMA 108 12 L14
Corps forgés	UNI 4838 CF 9S Mn 28	DIN W-Nr. 1.0715	AFNOR S200	BS 970 PTI 220 Mo 7	ASTM A 576 12 L 14

- PROTECTION: traitement ZINGUAGE BLANC Fe/Zn 8-UNI ISO 2081 avec chrome trivalent (exempt de chrome hexavalent) avec fixateur selon la NORME EUROPÉENNE 200/53 CE.

DIMENSIONS DU FILETAGE:

- A) Mesure raccord pour tubes en pouces: 8=DIMENSIONE JIC=1/2" (NPTF-BSPT-BSPP).
B) Mesure raccord pour tubes en millimètres: 1/2" (NPTF-BSPT-BSPP) 3/4-16" (UNF 2A) M16 (Metricque).

DIAMETRE EXTERNE DU TUBE:

- A) Mesure raccord pour tube en pouces: 8=DIMENSIONE JIC= DIAMETRE EXT. 1/2".
B) Mesure raccord pour tubes en millimètres: 12=TUBES DIAMETRE EXT. 12 mm.



MATERIAL

SAE J 514 - 37° fittings are made of forged body or steel bars conforming with the following specification

SPECIFICATION	ITALIAN	GERMAN	FRENCH	ENGLISH	AMERICAN
Bushed made from bars	UNI EN 10277 11S Mn Pb 37	DIN W-Nr. 1.0737	AFNOR S 300 Pb	-	ASTMA 108 C 1137
Pressed nuts	-	DIN W-Nr. 1.0214/1.0502	AFNOR CC 45	-	ASTMA 576 C 1110
Nuts made from bars	UNI EN 10277 11S Mn Pb 37	DIN W-Nr. 1.0737	AFNOR S 300 Pb	BS 970 PTI 220 Mo 7 Pb	ASTMA 108 12 L14
Bodies made from bars	UNI EN 10277 11S Mn Pb 37	DIN W-Nr. 1.0737	AFNOR S 300 Pb	BS 970 PTI 220 Mo 7 Pb	ASTMA 108 12 L14
Forged Bodies	UNI 4838 CF 9S Mn 28	DIN W-Nr. 1.0715	AFNOR S 200	BS 970 PTI 220 Mo 7	ASTMA 576 C 12 L14

- PROTECTION: white passivation treatment Fe/Zn 8-UNI ISO 2081 with trivalent Chrome (free from hexavalent chrome) with sealer in compliance with the European Norm EC 200/53.

THREAD DIMENSIONS:

- A) Pipe fitting measurement in inches: 8=DIMENSION JIC=1/2" (NPTF-BSPT-BSPP).
B) Pipe fitting measurement in millimetres: 1/2" (NPTF-BSPT-BSPP) 3/4-16" (UNF 2A) M16 (Metric).

OUTSIDE PIPE DIAMETER:

- A) Pipe fitting measurement in inches: 8=DIMENSION JIC=OUTSIDE PIPE DIAMETER 1/2".
B) Pipe fitting measurement in millimetres: 12=OUTSIDE PIPE DIAMETER 12 mm.

MATERIAL

Die 37° Verschraubungen SAE J 514 werden aus Schmiedestücken Oder Stahlstangen nach den folgenden Spezifikationen gearbeitet

SPESIFIKATIONEN	ITALIENISCHE	DEUTSCHE	FRANZÖSISCHE	ENGLISCHE	AMERIKANISCHE
Aus Stangen gearbeitete Buchsen	UNI EN 10277 11S Mn Pb 37	DIN W-Nr. 1.0737	AFNOR S 300 Pb	-	ASTMA 108 C 1137
Kaitgeschlagene Schraubenmuttern	-	DIN W-Nr. 1.0214/1.0502	AFNOR CC 45	-	ASTMA 576 C 1110
Aus Stangen gearbeitete Schraubenmuttern	UNI EN 10277 11S Mn Pb 37	DIN W-Nr. 1.0737	AFNOR S 300 Pb	BS 970 PTI 220 Mo 7 Pb	ASTMA 108 12 L 14
Aus Stangen gearbeitete Körper	UNI EN 10277 11S Mn Pb 37	DIN W-Nr. 1.0737	AFNOR S 300 Pb	BS 970 PTI 220 Mo 7 Pb	ASTMA 108 12 L 14
Schmiedestücke	UNI 4838 CF 9S Mn 28	DIN W-Nr. 1.0715	AFNOR S 200	BS 970 PTI 220 Mo 7	ASTMA 576 C 12 L 14

- OBERFLÄCHENSCHUTZ: behandlung von weißer Passivierung Fe/Zn 8-UNI ISO 2081 mit DREIWERDIGEM CHROM (frei von sechswertigem Chrom) mit Dichtungsmasse gemäß der Europäischen Norm EG 200/53.

GEWINDEGRÖSSEN:

- A) Größe des Rohranschlusses in Zoll: C=GRÖSSE JIC=1/2" (NPTF-BSPT-BSPP).
B) Größe des Rohranschlusses in mm: 1/2"(NPTF-BSPT-BSPP) 3/4-16" (UNF 2A) M16 (Metrisch).

AUSSENDURCHMESSER DES ROHRES:

- A) Größe des Rohranschlusses in Zoll: C=GRÖSSE JIC=AUSSENDURCHMESSER 1/2".
B) Größe des Rohranschlusses in mm: 12=ROHR Außendurchmesser 12 mm.

EL MATERIAL

Los racores SAE J 514 - 37° han sido fabricados en acero a partir de pieza forjada o de barra de acuerdo con las siguientes especificaciones

ESPECIFICACIONES	ITALIANAS	ALEMANAS	FRANCESAS	INGLESAS	AMERICANAS
Férulas sacadas de barra	UNI EN 10277 11SMnPb 37	DIN W-Nr. 1.0737	AFNOR S 300 Pb	-	ASTMA 108 C 1137
Tuercas forjadas	-	DIN W-Nr. 1.0214/1.0502	AFNOR CC 45	-	ASTMA 576 C 1110
Tuercas sacadas de barras	UNI EN 10277 11S Mn Pb 37	DIN W-Nr. 1.0737	AFNOR S 300 Pb	BS 970 PTI 220 Mo 7 Pb	ASTMA 108 12 L14
Piezas rectas	UNI EN 10277 11S Mn Pb 37	DIN W-Nr. 1.0737	AFNOR S 300 Pb	BS 970 PTI 220 Mo 7 Pb	ASTMA 108 12 L14
Piezas de forma	UNI 4838 CF 9S Mn 28	DIN W-Nr. 1.0715	AFNOR S 200	BS 970 PTI 220 Mo 7	ASTMA 576 C 12 L14

- PROTECCIÓN: tratamiento de PASIVACION BLANCA Fe/Zn 8 UNI ISO 2081 con CROMO TRIVALENTE (libre de cromo hexavalente) con silicona selladora conforme a la NORMATIVA EUROPEA 200/53 CE.

DIMENSIONES DE LA ROSCA:

- A) Designación racor para tubo en pulgadas: 8=MÓDULO JIC=1/2" (NPTF-BSPT-BSPP).
B) Designación racor para tubo milimétrico: 1/2" (NPTF-BSPT-BSPP) 3/4-16" (UNF 2A) M16 (Métrico).

DIÁMETRO EXTERIOR DEL TUBO:

- A) Designación racor para tubo en pulgadas: 8=MÓDULO JIC=PARA Ø EXT. 1/2".
B) Designación racor para tubo milimétrico: 12=TUBO Ø EXT. 12 mm.

MONTAGGIO DEL RACCORDO 37° S.A.E.

1. - Porre la parte svasata del tubo sul cono del corpo e della bussola regolandola manualmente.
2. - Stringere con la chiave in modo da ottenere un'unione metallo/metallo completamente stagna (vedere tabella).

COPPIA DI SERRAGGIO			
Diam. tubo mm.	Diam. tubo pollici	Coppia min. Nm	Coppia max. Nm
6	1/4"	10	15
8	5/16"	15	23
10	3/8"	22	34
12	1/2"	31	47
14	-	41	63
15	-	46	70
16	5/8"	51	78
18	-	63	98
20	3/4"	75	118
25	1"	117	176
30	-	157	245
32	1" 1/4	176	274
38	1" 1/2	216	343

3. - Una caratteristica fondamentale del raccordo 37° SAE è la garanzia di un facile e veloce montaggio. Può, infatti, essere montato e smontato più volte grazie alla sua chiusura che rimane sempre a tenuta stagna ed ermetica.

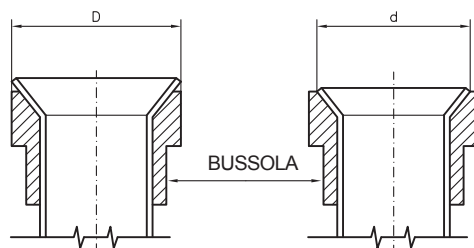
SVASATURA CORRETTA

Una svasatura eseguita correttamente garantisce una durata più lunga e soddisfacente anche in prolungate condizioni critiche di utilizzo. Il diametro esterno massimo della svasatura deve essere uguale a quello esterno della bussola, mentre il diametro minimo deve essere uguale al diametro massimo della bussola.

ESEMPI

Diametro esterno della bussola - D

Diametro interno della bussola - d



Diam. est. mm	Diam. (min) mm	Diam. (max) mm
6	8	9,7
8	9,5	11,3
10	11,2	12,7
12	14,9	17,3
14	17,9	20,2
15	17,9	20,2
16	17,9	20,2
18	22,3	24,7
20	22,3	24,7
25	28,7	31
30	35,8	38,9
32	35,8	38,9
38	41,4	45,3

MONTAGE DU RACCORD 37° S.A.E.

1. - Placer la partie évasée du tube sur le cône du corps et de la fourreau en réglant celle-ci manuellement.
2. - Serrer à l'aide de la clé de manière à obtenir un ensemble métal/métal complètement étanche (voir table).

COUPLE DE SERRAGE			
Diam. tube mm.	Diam. tube pouces	Couple min. Nm	Couple max. Nm
6	1/4"	10	15
8	5/16"	15	23
10	3/8"	22	34
12	1/2"	31	47
14	-	41	63
15	-	46	70
16	5/8"	51	78
18	-	63	98
20	3/4"	75	118
25	1"	117	176
30	-	157	245
32	1" 1/4	176	274
38	1" 1/2	216	343

3. - Une caractéristique fondamentale du raccord 37° SAE est la garantie d'un montage rapide et facile. Il peut, en effet, être monté et démonté plusieurs fois grâce à sa fermeture qui reste toujours étanche et hermétique.

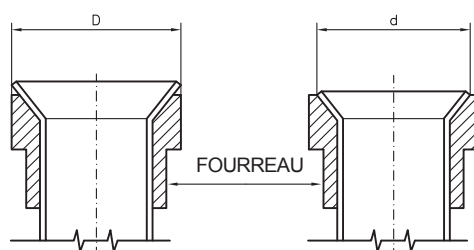
EVASEMENT CORRECT

Un evasement correct garantit une durée plus longue et satisfaisante même en conditions critiques d'utilisation prolongées. Le diamètre extérieur maximum de l'évasement doit être égal au diamètre externe du fourreau alors que le diamètre minimum doit être égal au diamètre interne maximum de celui-ci.

EXEMPLES

Diamètre externe de la fourreau - D

Diamètre interne de la fourreau - d



Diam. est. mm	Diam. (min) mm	Diam. (max) mm
6	8	9,7
8	9,5	11,3
10	11,2	12,7
12	14,9	17,3
14	17,9	20,2
15	17,9	20,2
16	17,9	20,2
18	22,3	24,7
20	22,3	24,7
25	28,7	31
30	35,8	38,9
32	35,8	38,9
38	41,4	45,3



S.A.E. 37° FITTING ASSEMBLY

1. - Place the flared part of the pipe on the body/bush cone and adjust manually.
2. - Tighten with the wrench so as to get a totally enclosed metal/metal joint (see table).

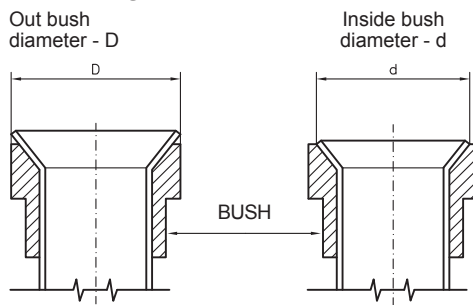
TORQUE WRENCH SETTINGS			
Pipe diameter mm.	Pipe diameter inches	Min. torque Nm	Max. torque Nm
6	1/4"	10	15
8	5/16"	15	23
10	3/8"	22	34
12	1/2"	31	47
14	-	41	63
15	-	46	70
16	5/8"	51	78
18	-	63	98
20	3/4"	75	118
25	1"	117	176
30	-	157	245
32	1" 1/4	176	274
38	1" 1/2	216	343

3. - A fundamental feature of the SAE 37° fitting is that it is easy and quick to assemble. It can in fact be assembled and removed on different occasions because of its enclosure which remains water and airtight at all times.

CORRECT FLARING

Flaring which has been done properly guarantees a longer and more satisfactory life even when subject to critical conditions over extended periods. The maximum outside flaring diameter must be the same as the outside bush diameter, while the minimum diameter must be the same as the bush's maximum inside diameter.

EXAMPLES



Out Diam. mm	(min) Diam. mm	(max) Diam. mm
6	8	9,7
8	9,5	11,3
10	11,2	12,7
12	14,9	17,3
14	17,9	20,2
15	17,9	20,2
16	17,9	20,2
18	22,3	24,7
20	22,3	24,7
25	28,7	31
30	35,8	38,9
32	35,8	38,9
38	41,4	45,3

MONTAGE DER 37° SAE-Verschraubung

1. - Das gebördelte Teil des Rohres auf den Konus des Körpers und der Stützhülse aufsetzen und manuell ausrichten.
2. - Mit dem Schlüssel festziehen, so daß eine vollkommen dichte Metall/Metall-Verbindung entsteht (siehe Tabelle).

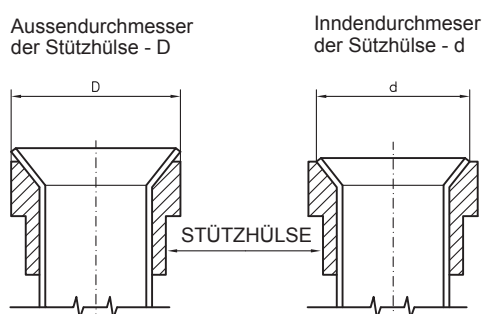
ANZAGSMOMENT			
Rohrdurchm. in mm.	Rohrdurchm. in Zoll	Min. Anzugsmom. Nm	Max. Anzugsmom. Nm
6	1/4"	10	15
8	5/16"	15	23
10	3/8"	22	34
12	1/2"	31	47
14	-	41	63
15	-	46	70
16	5/8"	51	78
18	-	63	98
20	3/4"	75	118
25	1"	117	176
30	-	157	245
32	1" 1/4	176	274
38	1" 1/2	216	343

3. - Das 37° SAE-Stück garantiert grundsätzlich eine einfache und schnelle Montage. Es kann mehrmals dank seines Verschlusses, der immer dicht und hermetisch ist, montiert und demontiert werden.

KORREKTE BÖRDELUNG

Eine korrekt ausgeführte Bördelung garantiert eine längere Lebensdauer und zufriedenstellende Leistungen auch bei längerem Einsatz unter kritischen Bedingungen. Der maximale Außendurchmesser muß gleich dem Außendurchmesser der Stützhülse sein, während der minimale Durchmesser gleich dem maximalen Innendurchmesser der Stützhülse sein muß.

BEISPIELE



Auss Durchm mm	(min) Durchm mm	(max) Durchm mm
6	8	9,7
8	9,5	11,3
10	11,2	12,7
12	14,9	17,3
14	17,9	20,2
15	17,9	20,2
16	17,9	20,2
18	22,3	24,7
20	22,3	24,7
25	28,7	31
30	35,8	38,9
32	35,8	38,9
38	41,4	45,3

MONTAJE DEL RACOR 37° S.A.E.

- 1.- Colocar la parte abocardada con el cono, ajustando éste con la mano.
- 2.- Apretar con la llave para obtener una unión metal sobre metal totalmente estanca (ver tabla).

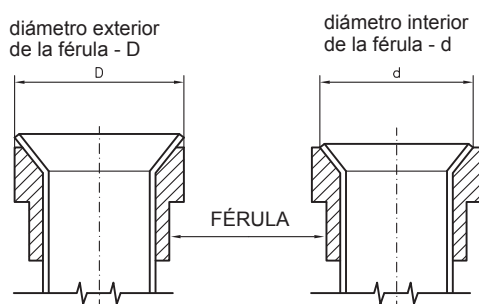
PAR DE APRIETE			
Ø tubo mm.	Ø tubo pulg	Par Min. Nm	Par Max. Nm
6	1/4"	10	15
8	5/16"	15	23
10	3/8"	22	34
12	1/2"	31	47
14	-	41	63
15	-	46	70
16	5/8"	51	78
18	-	63	98
20	3/4"	75	118
25	1"	117	176
30	-	157	245
32	1" 1/4	176	274
38	1" 1/2	216	343

3. - Característica básica del racor 37° SAE es el hecho de que garantiza un fácil y rápido montaje, pudiendo ser montado y desmontado numerosas veces, siendo su cierre siempre estanco y hermético.

ABOCARDADO CORRECTO:

Un abocardado correctamente ejecutado ofrecerá un servicio más largo y satisfactorio, incluso en condiciones de empleo permanentemente críticas. El diámetro exterior máximo del abocardado ha de ser igual al diámetro exterior de la férula. El diámetro mínimo del abocardado debe ser igual al diámetro interior máximo de la férula.

EJEMPLOS



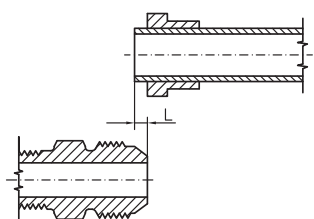
Ø exterior mm	d (mín.) mm	D (máxi) mm
6	8	9,7
8	9,5	11,3
10	11,2	12,7
12	14,9	17,3
14	17,9	20,2
15	17,9	20,2
16	17,9	20,2
18	22,3	24,7
20	22,3	24,7
25	28,7	31
30	35,8	38,9
32	35,8	38,9
38	41,4	45,3

In caso di svasatura del tubo troppo corta, quasi tutta la superficie di contatto del raccordo non verrà utilizzata.

Sussiste, pertanto, il rischio che la superficie del tubo venga schiacciata a causa della superficie di contatto insufficiente.

In questi casi, non viene garantita la sicurezza massima contro perdite o rotture della svasatura.

In caso di svasatura del tubo troppo lunga, si verificheranno problemi con la filettatura del dado che rimarrà bloccato impedendo così il corretto montaggio del raccordo. Per garantire un funzionamento ottimale, la svasatura deve essere perpendicolare e concentrica al tubo e alla bussola. Difetti relativi alla perpendicolarità e alla concentricità possono essere causati da taglio errato del tubo o da una formazione irregolare provocata da un utensile da taglio o da una svasatura difettosa. Quando si deve tagliare il tubo bisogna prendere in considerazione un certo valore che deve venire successivamente sommato alla lunghezza della linea. Per determinare tale lunghezza è necessario aggiungere alla lunghezza desiderata del tubo una lunghezza "L" che rappresenta la parte del cono del raccordo che entra nella parte svasata del tubo. Inoltre, ogni svasatura richiede una lunghezza di tubo compreso fra 0,5 e 1 mm; a seconda dello spessore del tubo stesso. Consultare la tabella relativa alla lunghezza "L".

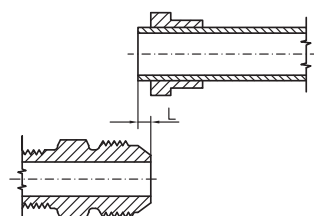


Diam. est. tubo		Lunghezza L mm.	Diam. est. tubo		Lunghezza L mm.
mm.	Pollici		mm.	Pollici	
6	1/4"	2	18	3/4"	3
8	5/16"	2	20	1"	3
10	3/8"	2	25	1"	3
12	1/2"	2,5	30	1" 1/4	4
14	-	2,5	32	1" 1/2	4
15	-	2,5	38	-	4
16	5/8"	2,5	-	-	-

En cas d'évasement du tube trop court, presque tout la surface de contact du raccord sera inutilisée. Il s'ensuit le risque que la surface du tube soit écrasée à cause de la surface de contact insuffisante. Dans ce cas, la sécurité maximum contre des fuites ou des ruptures de l'évasement n'est pas garantie.

En cas d'évasement du tube trop long, on aura des problèmes de filetage de l'écrou qui se bloquera en empêchant le montage correct du raccord. Pour garantir le fonctionnement optimum, l'évasement doit être perpendiculaire et concentrique au tube et à la fourreau.

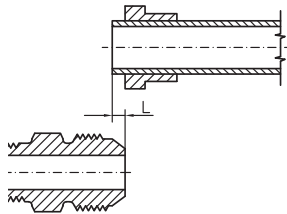
Des défauts relatifs à la perpendicolarité et la concentricité peuvent être causés par une coupe erronée du tube ou par une formation irrégulière provoquée par un outil de coupe ou un évasement défectueux. Lorsque l'on doit couper le tube, il convient de prendre en considération une certaine valeur qui doit être ajoutée par la suite à la longueur de la ligne. Pour déterminer cette longueur, il est nécessaire d'ajouter à la longueur voulue du tube une longueur "L" qui représente la partie du cône du raccord qui entre dans la partie évasée du tube. En outre chaque évasement requiert une longueur de tube comprise entre 0,5 et 1 mm. selon l'épaisseur du tube lui-même. Consulter la table relative à la longueur "L".



Diam. est. tube		Longueur L mm.	Diam. est. tube		Longueur L mm.
mm.	Pouces		mm.	Pollici	
6	1/4"	2	18	3/4"	3
8	5/16"	2	20	1"	3
10	3/8"	2	25	1"	3
12	1/2"	2,5	30	1" 1/4	4
14	-	2,5	32	1" 1/2	4
15	-	2,5	38	-	4
16	5/8"	2,5	-	-	-

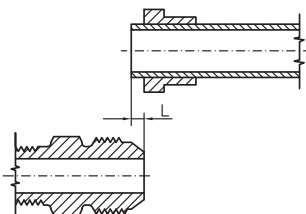


If the pipe flaring is too short, nearly all the fitting's contact surface will go unutilised. There is therefore the risk that the pipe surface will be squashed owing to the inadequate contact surface. In such cases maximum safety against leaks or the flare breaking is not guaranteed.
If the pipe flaring is too long, problems arise with the nut thread which will get jammed and thus prevent the fitting from being assembled properly. To function most efficiently, the flaring must be perpendicular and concentric with the pipe and bush.
Imperfect perpendicularity and concentricity could be the result of the pipe being cut incorrectly or an irregular formation caused by a cutting tool or defective flaring.
When the pipe needs to be cut, a certain length must be taken into account which must then be added to the length of the line.
To establish how long this is, a length "L" representing the part of the fitting cone that enters the flared section of the pipe must be added to the required length of the pipe.
Furthermore, each flaring requires a length of pipe between 0.5 and 1 mm; according to the width of the pipe itself.
Check the table showing lengths of "L".



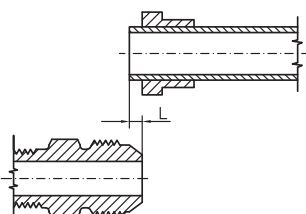
Outside pipe diam		Lenght L mm.	Outside pipe diam		Lenght L mm.
mm.	Inches		mm.	Inches	
6	1/4"	2	18		3
8	5/16"	2	20	3/4"	3
10	3/8"	2	25	1"	3
12	1/2"	2,5	30		4
14		2,5	32	1" 1/4	4
15		2,5	38	1" 1/2	4
16	5/8"	2,5			

Bei einer zu kurzen Bördelung des Rohres wird fast die gesamte Kontaktoberfläche der Verschraubung nicht belastet. Dadurch entsteht die Gefahr, daß die Rohroberfläche aufgrund der ungenügenden Kontaktoberfläche zerdrückt wird. In diesem Fall wird keine maximale Sicherheit gegen Leckagen oder Bruchstellen der Bördelung gewährleistet.
Bei einer zu langen Bördelung des Rohres entstehen Probleme mit dem Überwurfmuttergewinde, welches blockiert und damit die korrekte Montage der Verschraubung verhindert.
Zur Gewährleistung einer optimalen Funktionsweise muß die Bördelung lotrecht und konzentrisch zu Rohr und Stützhülse sein. Fehler der lotrechten Lage und der Konzentrität können durch falschen Schnitt des Rohres, Schneidfehler mit einem Schneidwerkzeug oder falscher Bördelung hervorgerufen werden.
Wenn das Rohr geschnitten werden soll, ist ein bestimmter Wert zu beachten, der in der Folge zu der Länge der Linie addiert wird.
Zur Bestimmung dieser Länge ist der gewünschten Rohrlänge eine Länge "L" hinzuzufügen, die den Teil des Konus der Verschraubung darstellt, der in das gebördelte Teil des Rohrs eingeführt wird.
Jede Bördelung erfordert ausserdem eine Rohrlänge zwischen 0,5 und 1 mm, je nach Stärke des Rohres.
Länge "L" siehe Tabelle.



Aussendurchm. D Rohres		Lange L mm.	Aussendurchm. D Rohres		Lange L mm.
mm.	Zoll		mm.	Zoll	
6	1/4"	2	18		3
8	5/16"	2	20	3/4"	3
10	3/8"	2	25	1"	3
12	1/2"	2,5	30		4
14		2,5	32	1" 1/4	4
15		2,5	38	1" 1/2	4
16	5/8"	2,5			

Si el abocardado del tubo es muy corto, la práctica totalidad de la pared de contacto del racor no será utilizada, y la pared del tubo correrá el peligro de ser aplastada por insuficiencia de superficie de contacto.
En estos casos no se ofrece la seguridad máxima contra fugas, roturas del abocardado o desencajes.
Si el abocardado del tubo es muy largo, producirá una interferencia en los filetes de la tuerca, la cual quedará bloqueada, por lo que no podrá efectuarse el correcto montaje de racor.
Para operar correctamente el abocardado debe ser perpendicular y concéntrico al tubo y a la férula.
Los defectos de perpendicularidad y de concentricidad son imputables a un corte incorrecto del tubo o a una formación irregular realizada por un útil de cortar o abocardado defectuoso.
A la hora de cortar el tubo, se ha de contar con unas cotas que deben añadirse a la longitud de la línea.
Para determinar dicha longitud, hay que añadir a la longitud deseada del tubo la longitud "L" que representa la parte entrante de cono del racor en la parte abocardada del tubo.
Además, cada abocardado absorbe una longitud de tubo entre 0,5 y 1 mm., según el espesor del tubo.
Mirar tabla longitud "L".



Ø ext. tubo		Longitud L mm.	Ø ext. tubo		Longitud L mm.
mm.	Pulgadas		mm.	Pulgadas	
6	1/4"	2	18		3
8	5/16"	2	20	3/4"	3
10	3/8"	2	25	1"	3
12	1/2"	2,5	30		4
14		2,5	32	1" 1/4	4
15		2,5	38	1" 1/2	4
16	5/8"	2,5			



VALORI DI PRESSIONE MASSIMA DI ESERCIZIO PER RACCORDI SAE JIC 514-37°
VALEURS MAXIMA DE PRESSION DE SERVICE POUR RACCORDS SAE JIC 514-37°
MAXIMUM RATED PRESSURE VALUES FOR SAE JIC 514-37° COUPLINGS
MAX. BETRIEBSDRUCKWERTE FÜR SAE ANSCHLÜSSE JIC 514-37°
VALORES DE PRESION MAXIMA DE FUNCIONAMIENTO PARA RACORES SAE JIC 514-37°

La pressione NOMINALE PN corrisponde ad un fattore di sicurezza di: PN x 4 volte.
La pression NOMINALE PN correspond à un facteur de sécurité de: PN x 4 fois.
PN rated pressure corresponds to a safety factor of PN x 4 times.
Der Wenn Druck PN entspricht enthält einem Sicherheitsfaktor von PN x 4.
La presión NOMINAL PN corresponde a un factor de seguridad de PN x 4 veces.

Le pressioni indicate sono da intendersi le MASSIME DI ESERCIZIO compresi i valori di punta in condizioni di lavoro NORMALI e con temperature d'esercizio MASSIME AMMISSIBILI

-40°C ÷ 120°C per l'acciaio (DIN 3859) -60°C ÷ 20°C per l'acciaio INOX AISI 316L

Les pressions indiquées sans les spécifications des tableaux des raccords doivent être considérées comme pressions maximales d'utilisation y compris les valeurs de crête dans des conditions NORMALE et à des températures d'utilisation maximales admissibles TB (DIN 2401) de:

-40°C ÷ 120°C pour l'acier (DIN 3859) -60°C ÷ 20°C pour l'acier INOX AISI 316L

The pressure values indicated in the relative coupling tables are understood as the maximum operating pressure values inclusive of peak value during standard operating conditions, with maximum permissible TB (DIN 2401) operating temperatures of:

-40°C ÷ 120°C for steel (DIN 3859) -60°C ÷ 20°C for AISI 316 L stainless steel

Die in den Tabellen für Anschlußstücke angegebenen Drücke entsprechen den maximalen Betriebsdruckwerten einschließlich der Spitzenwerte unter NORMALEN Betriebsbedingungen und bei den höchsten zulässigen Betriebstemperaturen TB (DIN 2401) von:

-40°C ÷ 120°C für Stahl (DIN 3859) -60°C ÷ 20°C für rostfreien Stahl AISI 316L

Las presiones indicadas deben interpretarse como las máximas de funcionamiento, incluidos los valores punta en condiciones normales de trabajo y con las siguientes temperaturas de funcionamiento MAXIMAS ADMISIBLES.

-40°C ÷ 120°C para el acero (DIN 3859) -60°C ÷ 20°C para el acero INOX AISI 316L

Per l'acciaio inox sono necessarie riduzioni di pressione in rapporto all'aumento della temperatura di esercizio.
A noter que pour l'acier INOX des réductions de pression par rapport à l'augmentation de la température d'utilisation sont nécessaires.
With stainless steel, pressure values must be reduced in accordance with increases in the operating temperature.
Für rostfreien Stahl sind Druckminderungen im Verhältnis zum Anstieg der Betriebstemperatur notwendig.

Para el acero inoxidable son necesarias reducciones de presión con respecto al aumento de la temperatura de funcionamiento
+ 50°C = -4%~ della pressione / de la pression / pressure / Druck / con respecto a la presión
+ 100°C = -10%~ della pressione / de la pression / pressure / Druck / con respecto a la presión
+ 200°C = -20%~ della pressione/de la pression/pressure/Druck/con respecto a la presión
+ 300°C = -30%~ della pressione / de la pression / pressure / Druck / con respecto a la presión
+ 400°C = -35%~ della pressione / de la pression / pressure / Druck / con respecto a la presión

Materiale e temperature di ESERCIZIO delle guarnizioni impiegate sui raccordi SAE JIC 514

NBR (Perbunam® - BAYER) = -35°C ÷ 100°C per l'acciaio (DIN 3859)
FPM (Viton® - DU PONT) = -25°C ÷ 200°C per acciaio INOX AISI 316L

Matériau et températures d'utilisation des joints pour les raccords SAE JIC 514

NBR (Perbunam® - BAYER) = -35°C ÷ 100°C pour l'acier (DIN 3859)
FPM (Viton® - DU PONT) = -25°C ÷ 200°C pour l'acier INOX AISI 316L

Materials and operating temperatures for SAE JIC 514 coupling seals

NBR (Perbunam®) - BAYER = -35°C ÷ 100°C for steel (DIN 3859)
FPM (Viton® - DU PONT) = -25°C ÷ 200°C for AISI 316L stainless steel

Material und Betriebstemperatur der an Anschlußstücken SAE JIC 514 verwendeten Dichtungen

NBR (Perbunam® - BAYER) = -35°C ÷ 100°C für Stahl (DIN 3859)
FPM (Viton® - DU PONT) = -25°C ÷ 200°C für rostfreien Stahl AISI 316L

Material y temperaturas de funcionamiento de las juntas empleadas en los racores SAE JIC 514

NBR (Perbunam® - BAYER) = -35°C ÷ 100°C para el acero (DIN 3859)
FPM (Viton® - DU PONT) = -25°C ÷ 200°C para el acero INOX AISI 316L

TENUTA ERMETICA DELLE FILETTATURE CONICHE

Le filettature coniche non sono a tenuta ermetica. Per ottenere una tenuta ermetica, a prove di perdite, sono necessari elementi di tenuta supplementari. Validi sono i nastri di tenuta PTFE (esempio TEFLON).

ETANCHEITE FILETAGES CONIQUES

Les filetages coniques ne sont étanchés. Pour obtenir une étanchéité à l'épreuve de toute perte, des éléments d'étanchéité supplémentaires sont nécessaires. A ce propos, les ruban d'étanchéité PTFE sont très efficaces (es. TEFLON).

HERMETIC SEALS FOR TAPER THREADS

Taper threads are not hermetically sealed. To obtain a watertight hermetic seal additional sealing elements are required such as PTFE sealing tape (eg. TEFLON).

HERMETISCHE ABDICHTUNG BEI KEGLIGEN GEWINDEN

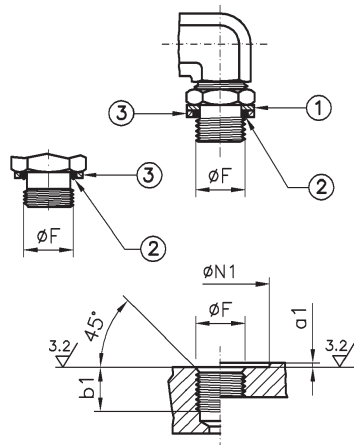
Die kegligen Gewinde schließen nicht hermetisch dicht. Um eine leckagesichere hermetische Abdichtung zu erzielen, müssen zusätzliche Dichtungselemente eingefügt werden. Gut sind PTFE-Dichtungsbänder (z.B. TEFLON).

SELLADO HERMÉTICO DE LAS RUSCAS CÓNICAS

Las rascas cónicas no son de sellado hermético. Para obtener un sellado hermético a prueba de pérdidas, se necesitan elementos complementarios, tales como las civitas de sellado PTFE (por ejemplo, TEFLON).

TIPI DI FILETTATURE IMPIEGATE SU RACCORDI SAE J 514
AN SAE J 514 ANSCHLUBSTÜCKEN VERWENDETE GEWINDETYPEN
TYPES OF THREAD FOR SAE J 514 COUPLINGS
TYPES DE FILETAGE UTILISÉS POUR LES RACCORDS SAE J 514
TIPOS DE ROSCAS EMPLEADOS EN LOS RACORES SAE J 514

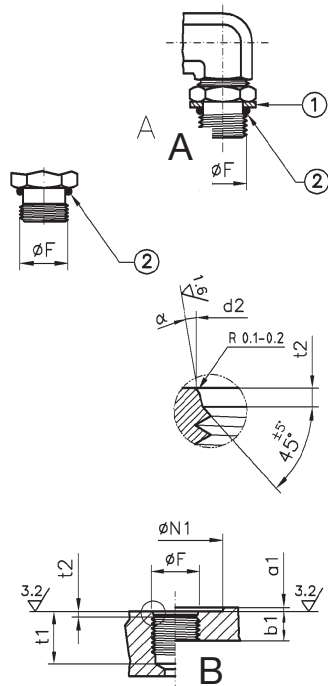
- FILETTATURA BSPP (GAS CILINDRICA) UNI ISO 228 - GEWINDE BSPP (ZYLINDER-GASGEWINDE) UNI ISO 228 - BSPP THREAD (GAS-TYPE CYLINDRICAL) UNI ISO 228 - FILETAGE BSPP (GAZ CYLINDRIQUE) UNI ISO 228 - ROSCADO BSPP (GAS CILINDRICO) UNI ISO 228



ϕF BSPP	max. a1	min. b1	min. $\phi N1$	O-Ring Jointe torique Junta tórica (Shore A ca. 90)	Coppia di serraggio Anzugsmoment Torque wrench Couple serrage Pares de apriete MT (Nm) ± 10%
1/8" - 28	1,0	8	16,5	7,97x1,88	18
1/4" - 19	1,5	11	21,5	10,77x2,62	35
3/8" -19	1,5	11	25,5	13,94x2,62	70
1/2"-14	1,5	14	30,0	17,86x2,62	85
3/4" - 14	1,5	16	36,5	23,47x2,62	170
1"-11	2,0	19	46,0	29,74x3,53	310
1" 1/4-11	2,0	21	57,0	37,69x3,53	430
1" 1/2-11	2,0	21	63,5	44,04x3,53	510

- ① - Rondella fissa antiestruzione / Feste Druckscheibe / Fixed anti-extrusion ring /
Rondelle fixe anti-extrusion / Arandela fija a prueba de extrusión
② - O-Ring / Jointe torique / Junta tórica
③ - Rondella mobile tenuta O.Ring / Bewegliche Unterlegscheibe f. O-Ring /
Mobile O-Ring seal ring / Rondelle mobile d'étanchéité (O.Ring) / Arandela
móvil de retención junta tórica

- FILETTATURA UNF (ANSI/ASME B.1.1.1989) - GEWINDE UNF (ANSI/ASME B.1.1.1989) - UNF THREAD (ANSI/ASME B.1.1.1989) -
FILETAGE UNF (ANSI/ASME B.1.1.1989) - ROSCADO UNF (ANSI/ASME B.1.1.1989)

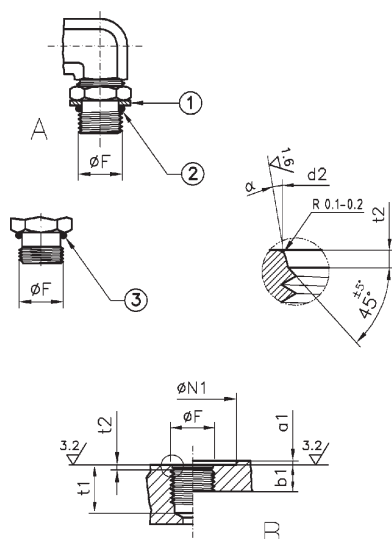


ϕF UNF	max. a1	min. b1	+0,1 d2	min. $\phi N1$	min. t1	+0,3 t2	$\pm 1^\circ$ α	O-Ring Jointe torique Junta tórica (Shore A ca. 90)	Coppia di serraggio Anzugsmoment Torque wrench Couple serrage Pares de apriete MT (Nm) ± 10%
7/16-20	1,0	12	12,4	21	14	2,4	12°	8,92x1,83	18
1/2 - 20	1,0	12	14,0	23	14	2,4	12°	10,52x1,83	25
9/16-18	1,0	13	15,6	26	16	2,5	12°	11,89x1,98	30
3/4-16	1,5	15	20,6	32	18	2,6	15°	16,36x2,21	50
7/8-14	1,5	17	23,9	35	20	2,6	15°	19,18x2,46	75
1"1/16-12	1,5	20	29,2	42	24	3,3	15°	23,47x2,95	105
1"5/16-12	2,0	20	35,5	50	24	3,3	15°	29,74x2,95	145
1"5/8 - 12	2,5	20	43,5	60	24	3,4	15°	37,47x3,00	170
1"7/8-12	2,5	20	49,8	65	24	3,4	15°	43,69x3,00	215

- ① - Rondella fissa antiestruzione / Feste Druckscheibe / Fixed anti-extrusion ring /
Rondelle fixe anti-extrusion / Arandela fija a prueba de extrusión
② - O-Ring / Jointe torique / Junta tórica

- A** Perno filettato UNF-2A con guarnizione O-Ring (SAE J 514)
Einschraubzafen UNF-2A mit O-Ring Dichtung (SAE J 514)
Male stud UNF-2A for O-Ring sealing (SAE J 514)
Filetage UNF-2A avec étanchéité par jointe torique (SAE J 514)
Perno roscado UNF-2A con junta tórica (SAE J 514)
- B** Foro filettato UNF-2B per guarnizione O-Ring (SAE J 514)
Einschraubloch UNF-2B für O-Ring Dichtung (SAE J 514)
Port UNF-2B for O-Ring sealing (SAE J 514)
Taroudage UNF-2B pour étanchéité par jointe torique (SAE J 514)
Orificio roscado UNF 2B para junta tórica (SAE J 514)

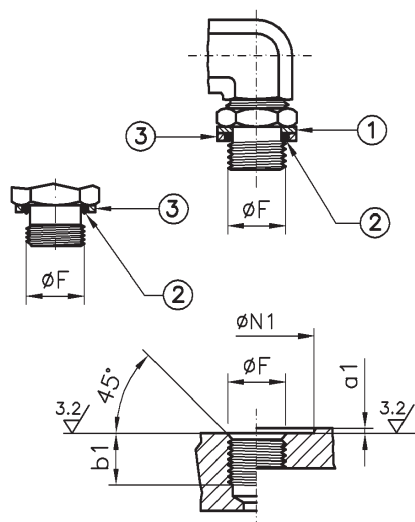
- FILETTATURA METRICA CILINDRICA (ISO 6149) - METRISCHES ZYLINDERGEWINDE (ISO 6149) - METRIC CYLINDRICAL THREAD (ISO 6149) - FILETAGE METRIQUE CYLINDRIQUE (ISO 6149) - ROSCADO METRICO CILINDRICO (ISO 6149)



Ø F	max. a1	min. b1	+0.1 d2	min. Ø N1	min. t1	+0.4 t2	±1° α	O-Ring Jointe torique Junta tórica (Shore A ca. 90)	Coppia di serraggio Anzugsmoment Torque wrench Couple serrage Pares de apriete MT (Nm) ± 10%
10x1	1,0	10,0	11,1	20	11,5	1,6	12°	8,1x1,6	15
12x1,5	1,5	11,5	13,8	23	14,0	2,4	15°	9,3x2,2	25
14x1,5	1,5	11,5	15,8	25	14,0	2,4	15°	11,3x2,2	30
16x1,5	1,5	13,0	17,8	28	15,5	2,4	15°	13,3x2,2	35
18x1,5	2,0	14,5	19,8	30	17,0	2,4	15°	15,3x2,2	40
22x1,5	2,0	15,5	23,8	34	18,0	2,4	15°	19,3x2,2	55
27x2	2,0	19,0	29,4	40	22,0	3,1	15°	23,6x2,9	90
33x2	2,5	19,0	35,4	49	22,0	3,1	15°	29,6x2,9	140
42x2	2,5	19,5	44,4	60	22,5	3,1	15°	38,6x2,9	180
48x2	2,5	22,0	50,4	66	25,0	3,1	15°	44,6x2,9	230

- ① - Rondella fissa antiestruzione / Feste Druckscheibe / Fixed anti-extrusion ring /
Rondelle fixe anti-extrusion / Arandela fija a prueba de extrusión
② - O-Ring / Jointe torique / Junta tórica

- FILETTATURA METRICA CILINDRICA - METRISCHES ZYLINDERGEWINDE - METRIC CYLINDRICAL THREAD
- FILETAGE METRIQUE CYLINDRIQUE - ROSCADO METRICO CILINDRICO.

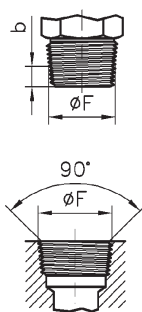


Ø F	max. a1	min. b1	min. Ø N1	O-Ring Jointe torique Junta tórica (Shore A ca. 90)	Coppia di serraggio Anzugsmoment Torque wrench Couple serrage Pares de apriete MT (Nm) ± 10%
10x1	1,0	8	15	8,1x1,6	18
12x1,5	1,5	12	18	9,3x2,2	30
14x1,5	1,5	12	20	11,3x2,2	45
16x1,5	1,5	12	23	13,3x2,2	50
18x1,5	2,0	12	25	15,3x2,2	70
22x1,5	2,0	14	28	19,3x2,2	120
27x2	2,5	16	33	23,6x2,9	180
33x2	2,5	18	41	29,6x2,9	310
42x2	2,5	20	51	38,6x2,9	430
48x2	2,5	22	56	44,6x2,9	510

- ① - Rondella fissa antiestruzione / Feste Druckscheibe / Fixed anti-extrusion ring /
Rondelle fixe anti-extrusion / Arandela fija a prueba de extrusión
② - O-Ring / Jointe torique / Junta tórica
③ - Rondella mobile tenuta O-Ring / Bewegliche Unterlegscheibe f. O-Ring /
Mobile O-Ring. seal ring / Rondelle mobile d'étanchéité (O-Ring) / Arandela
móvil de retencion junta tórica

FILETTATURA BSPT (GAS CONICA) UNI ISO 7/1
FILETAGE BSPT (GAZ CONIQUE) UNI ISO 7/1
BSPT THREAD (TAPERED GAS-TYPE) UNI ISO 7/1
GEWINDE BSPT (KEGELFÖRMIGES GASGEWINDE) UNI ISO 7/1
ROSCADO BSPT (GAS CONICO) UNI ISO 7/1

Ø F BSPT	b
1/8" - 28	4,0
1/4" - 19	6,0
3/8" - 19	6,4
1/2" - 14	8,2
3/4" - 14	9,5
1" - 11	10,4
1" 1/4 - 11	12,7
1" 1/2 - 11	12,7



FILETTATURA NPT (ANSI/ASME B.1.20.1.1983)
FILETAGE NPT (ANSI/ASME B.1.20.1.1983)
NPT THREAD (ANSI/ASME B.1.20.1.1983)
GEWINDE NPT (ANSI/ASME B.1.20.1.1983)
ROSCADO NPT (ANSI/ASME B.1.20.1.1983)

Ø F NPT	b
1/8" - 27	4,1
1/4" - 18	5,8
3/8" - 18	6,1
1/2" - 14	8,1
3/4" - 14	8,6
1" - 11 1/2	10,2
1" 1/4 - 11 1/2	10,7
1" 1/2 - 11 1/2	10,7



- ESTREMITA' FILETTATE - EINSCHRHAUBGEWINDFE FEINGEWINDE - THREAD COUPLING - UNIONS FILETEES - UNIONES ROSCADAS

Perno filettato forma E
DIN 3852 Foglio 11
Tenuta mediante guarnizione

Einschraubzapfen Form E
DIN 3852 Teil 11
Dichtheit durch Dichtung.

Eje roscado forma X
segùn DIN 3852 Hoja 1-2
(para roscado cilíndrico)

Foro filettato forma X
secondo DIN 3852 Foglio 1-2
(per filetti d'avvitamento cilindrico)

Einschraubloch Form X
DIN 3852 Teil 1-2
(für zylindrische Einschraubzapfen)

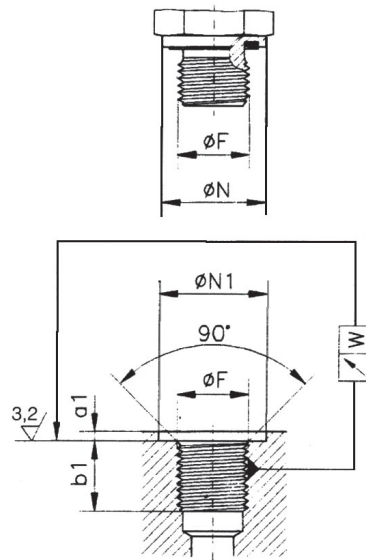
Agujero roscado forma X
segùn DIN 3852 Hoja 1-2
(para roscado cilíndrico)

Male stud, form E
DIN 3852, Part 11
Packing-ensured tightness.

Implantation, forme E
DIN 3852, Partie 11
Etanchéité par garniture.

Port form X
to DIN 3852, Part 1-2
(for parallel stud thread)

Trou taraudé forme X
selon DIN 3852, Partie 1-2
(pour filetage mâle cylindrique)



Filettatura gas cilindrica - Whitworth - Rohrgewinde zylindrisch
Thread B.S.P. parallel - Filetage gaz cylindrique - Rosca gas
cilíndrica

Filettatura metrica cilindrica - Metrisches Feingewinde zylindrisch
Thread metric parallel - Filetage métrique cylindrique - Rosca
métrica cilíndrica

Ø F	+0,4 Ø N1	Ø N	a1 MAX	b1 MIN	W	Coppia di serraggio Anzugsmoment Torque wrench Couple serrage Pares de apriete MT (Nm) ± 10%
G1/8"-28	15	13,9	1	8	0,1	20
G1/4"-19	20	18,9	1,5	12	0,1	50
G 3/8"-1	23	21,9	2	12	0,1	85
G1/2"-14	28	26,9	2,5	14	0,1	115
G3/4"-14	33	31,9	2,5	16	0,2	200
G1" -11	41	39,9	2,5	18	0,2	380
G1" 1/4-11	51	49,9	2,5	20	0,2	500
G1" 1/2-11	56	54,9	2,5	22	0,2	600

Ø F	+0,4 Ø N1	Ø N	a1 MAX	b1 MIN	W	Coppia di serraggio Anzugsmoment Torque wrench Couple serrage Pares de apriete MT (Nm) ± 10%
M10x1	15	13,9	1	8	0,1	20
M12x1,5	18	16,9	1,5	12	0,1	40
M14x1,5	20	18,9	1,5	12	0,1	55
M16x1,5	23	21,9	1,5	12	0,1	70
M18x1,5	25	23,9	2	12	0,1	90
M22x1,5	28	26,9	2,5	14	0,1	145
M27x2	33	32	2,5	16	0,2	200
M33x2	41	39,9	2,5	18	0,2	380
M42x2	51	49,9	2,5	20	0,2	500
M48x2	56	54,9	2,5	22	0,2	600

* Classe di tolleranza (A) valida per filettature maschio

* Toleranzklasse (A) gültig nur für Gewindezapfen

* Tolerance class (A) is only valid for male threads

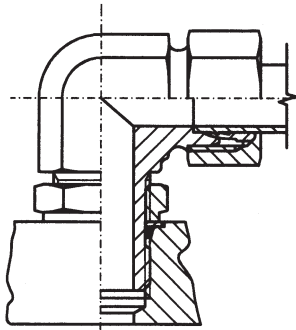
* Classe de tolérance (A) valable seulement pour filetages mâle

* Classe de tolerancia (A) válida para roscas macho



ISTRUZIONI DI MONTAGGIO - MONTAGEANLEITUNG - ASSEMBLY INSTRUCTIONS - INSTRUCTIONS DE MONTAGE - INSTRUCCIONES DE MONTAJE

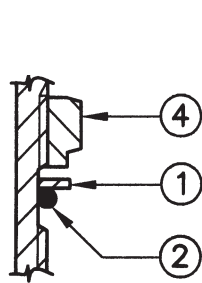
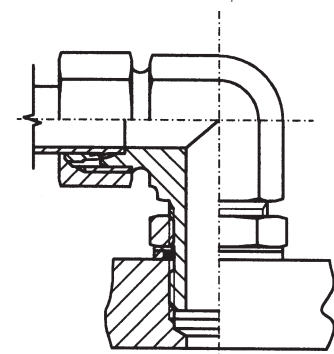
A



- Versione con filetto UNF/UN e Metrico cilindrico ISO 6149
- Ausführungen UNF/UN-Gewinde Metrisches Zylindrisch ISO 6149
- Version with UNF/UN-thread Metric parallel-thread ISO 6149
- Version avec filetage UNF/UN et Métrique cylindrique ISO 6149
- Versiones con rosca UNF/UN y Metrica cilíndrica ISO 6149

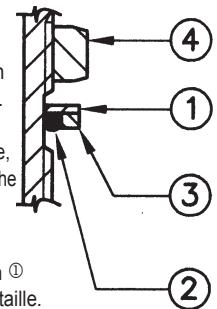
- Versione con filetto Gas cilindrico (BSPP) Metrico cilindrico
- Ausführungen Gewinde BSPP Metrisches Zylindrisch
- Version with BSP parallel Metric cylindrical thread
- Version avec Filetage Gaz cylindrique (BSPP) Métrique cylindrique
- Versiones con rosca Gas cilindrico (BSPP) Metrico cilíndrico

B



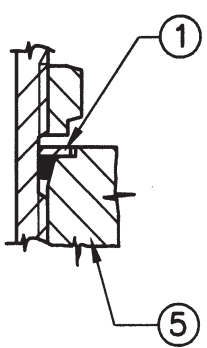
- Svitare il più possibile il controdado. ④
- La guarnizione O-Ring ② e la rondella fissa antiestrusione ① devono trovarsi alla estremità superiore della gola di scarico filetto.
- Oleare la guarnizione O-Ring.
- Nella versione con filetto gas e filetto metrico cilindrico (W) infilare la rondella mobile ③ sulla guarnizione O-Ring.
- Screw back bulkhead nut ④ as far as it goes.
- O-Ring ② and fixed anti-extrusion ring ① should be at the upper end of the notch.
- Oil the O-Ring.
- In the versions with BSPP, Metric cylindrical (W) thread slip mobile ring ③ over O-Ring.

- Kontermutter ④ so weit wie möglich zurückschrauben.
- O-Ring ② und Feste Druckscheibe ① müssen sich am oberen Ende des Freistichs befinden.
- O-Ring ölen.
- Bei den Ausführungen mit withworth-Rohrgewinde, Metrisches Zylindrischgewinde (W) den Bewegliche Unterlegscheibe über ③ O-Ring schieben.



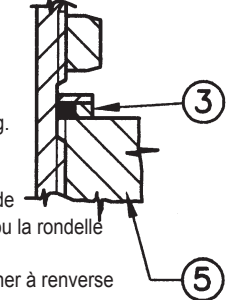
- Dévisser le contre-écrou ④ le plus possible.
- Jointe torique ② et rondelle fixe anti-extrusion ① doivent se trouver tout au bout haut de l'entaille.
- Huiler la Jointe torique.
- Dans le version avec filet GAZ, Métrique cylindrique (W) mettre la rondelle mobile d'étanchéité ③ sur la Jointe torique.

- Desenroscar la contratuercia ④ lo más posible.
- Junta tórica ② y arandela fija a prueba de extrusión ① debe encontrarse en la extremidad superior de la muesca.
- Lubrificar la junta tórica.
- En las versiones con rosca GAS Metrico cilíndrico (W) poner la arandela móvil ③ sobre la junta tórica.



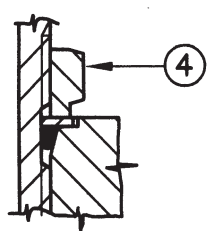
- Avvitare manualmente il raccordo nella sede filettata ⑤ fino a quando la rondella mobile ③ o la rondella fissa antiestrusione ① non appoggia sulla superficie lavorata. ⑤
- Per regolare il raccordo nella posizione desiderata farlo girare in senso antiorario di un giro al massimo
- Manually screw the fitting into the screwing hole ⑤ till mobile ring ③ or fixed anti-extrusion ring ① comes to rest.
- To adjust in the wanted position turnback by maximum one turn.

- Verschraubung in das Einschraubblock ⑤ von Hand, endrehen, bis Feste Druckscheibe ① oder Bewegliche Unterlegscheibe ③ aufliegt.
- Einteilung in die gewünschte Richtung durch Zurückdrehen um höchstens eine Umdrehung.



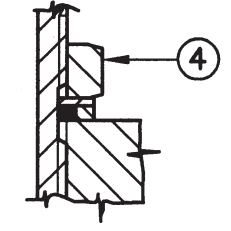
- Visser manuellement le raccord dans le trou de vissage jusqu'à ce que la rondelle mobile ③ ou la rondelle fixe anti-extrusion ① appuie.
- Pour le régler dans la position voulue, le tourner à renverse d'un tour au maximum.

- Atornillar manualmente el racor en el agujero de atornillamiento ⑤ hasta que la arandela móvil ③ o la arandela fija a prueba de extrusión, apoye.
- Para ajustarlo en la posición deseada, hacer girar hacia atrás una vuelta al máximo.



- Serrare completamente il controdado ④ tenendo il corpo del raccordo, con una chiave fissa, nella posizione desiderata.
- Tighten bulkhead nut ④ completely while keeping the fitting body in the wanted position.

- Kontermutter ④ festziehen und dabei den Verschraubungskörper in der gewünschten Richtung halten.
- Serrer complètement le contre-écrou tout en tenant le corps du raccord dans la position voulue.



- Apretar completamente la contratuercia ④ teniendo el cuerpo del racor en la posición deseada.



Regole di codifica SAP per raccordi per tubi svasati Fittings for flared tubes SAP coding rules

Descrizione Description	Simbolo Symbol
Vedere indice See index	

Forma Form	Simbolo Symbol
Con O-ring, non specificare in caso di UNF o pezzi con controdado / With o-ring, do not specify in case UNF or pieces with locknut	N
Presenza guarnizione piana / Flat rubber seal	G
Forma A BA33 / Form A BA33	A
Forma B BA33 / Form B BA33	B

Example: TBA19N04M10W

Descrizione Description	Simbolo Symbol
Zincato / Zinc plated	T
Inox / Stainless Steel	I
Fosfatato / Phosphated	F
Delta black	D
Geomet	G
Nichel acido / Acid Nickel	Z
No trattato / Not treated	0

Diametro filetto Thread Diameter	Simbolo Symbol
7/16	04
1/2	05
9/16	06
3/4	08
7/8	10
1"1/16	12
1"5/16	16
1"5/8	20
1"7/8	24

Filetto Thread	Simbolo Symbol
BSPP	R _ _
BSPT	K _ _
UNF	U _ _
NPT	N _ _
Metrico	M _ _

Descrizione Description	Simbolo Symbol
(Solo M _ _) rondella mobile (Only M _ _) movable washer	W

Descrizione Description	Simbolo Symbol
Stampato / Printed	ST
Barra / Bar	BA
Stampato montato bussola metrica BA83+BA13 / Printed assembled metric bush BA83+BA13	0S
Barra montato bussola metrica BA83+BA13 / Bar assembled metric bush BA83+BA13	0B
Stampato montato bussola pollici BA15+BA13 / Printed assembled inch bush BA15+BA13	1S
Barra montato bussola pollici BA15+BA13 / Bar assembled inch bush BA15+BA13	1B

Misure passo metrico mm / Metric pitch mm	Simbolo passo metrico / Metric pitch symbol
0,5	A
0,75	B
1	C
1,25	D
1,5	E
2	F
2,5	G



Regole di codifica SAP per raccordi a tenuta conica Tapered tightness fittings SAP coding rules

Descrizione Description	Simbolo Symbol
Dritto / straight	D
Curva a 90° / Elbow 90°	9
Curva a 45° / Elbow 45°	4
Tee	T
Croce / cross	X
Curva a 90° long drop / Elbow 90° long drop	L

Descrizione Description	Simbolo Symbol
Femmina fissa / fixed female	F
Maschio fisso / fixed male	M
Femmina girevole / swivel female	G
Maschio Girevole / swivel male	O

Filetto Thread	Simbolo Symbol
BSPP	R __
BSPT	K __
UNF	U __
NPT	N __
Metrico	M __

Example: TTFMFR02K02R02

Descrizione Description	Simbolo Symbol
Zincato / Zinc plated	T
Inox / Stainless Steel	I
Fosfatato / Phosphated	F
Delta black	D
Geomet	G
Nichel acido / Acid Nickel	Z
No trattato / Not treated	0

Filettatura Thread	Simbolo Symbol
1/8	02
1/4	04
3/8	06
1/2	08
5/8	10
3/4	12
1"	16
1"1/4	20
1"1/2	24

Finitura superficiale dei raccordi in acciaio al carbonio

ZINCONICHELATURA

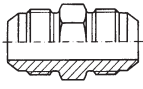
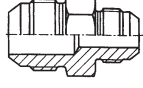
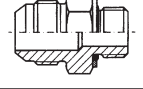
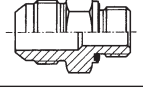
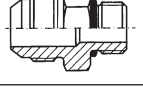
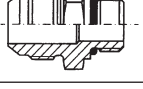
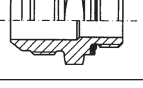
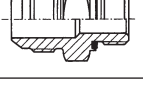
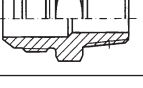
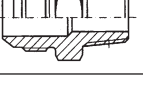
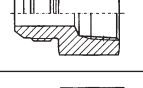
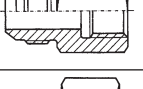
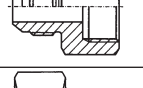
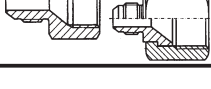
Processo elettrolitico, che depositando sul metallo una lega di Zinco e Nichel, gli concede una maggiore durezza e resistenza, rallentando l'apparizione di corrosione bianca (primi segni dopo 500 ore) e di ruggine rossa (primi segni dopo 1500 ore), oltre a dargli un ottimo aspetto estetico. Conforme alle ore all'esposizione della nebbia salina in accordo alle normative ISO 9227-ASTM B117.

La Rastelli Raccordi, probabilmente l'unica casa produttrice di raccordi ad avere nelle proprie officine di produzione impianti di zincatura, ha messo a punto in omaggio alla legge in oggetto, il trattamento sopra descritto.

Ricordiamo che questo trattamento elimina il cromo esavalente, notoriamente pericoloso all'uomo e all'ambiente, inserendo il raccordo Rastelli tra i prodotti ecologici, cioè NON NOCIVI.

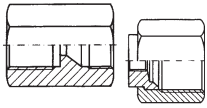
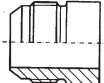
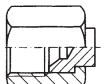
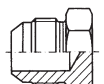
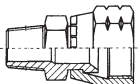
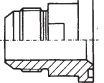
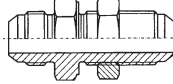
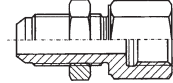
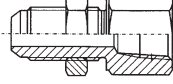
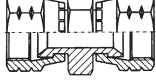
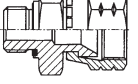


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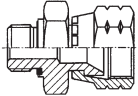
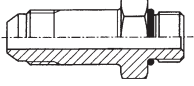
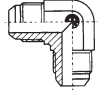
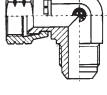
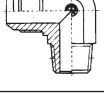
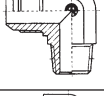
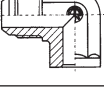
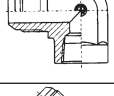


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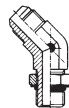
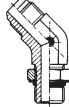
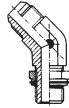
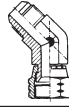
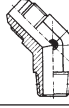
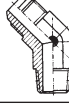
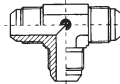
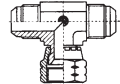
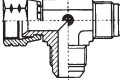
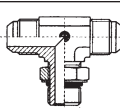
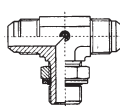
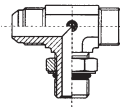
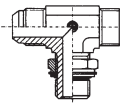
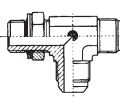
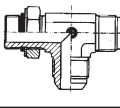
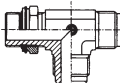


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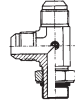
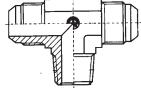
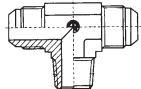
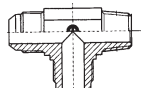
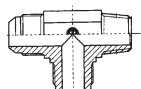
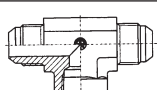
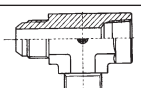
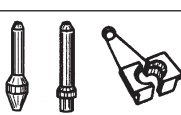


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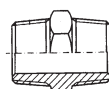
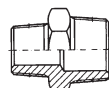
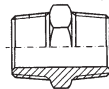
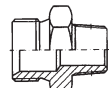
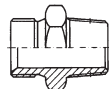
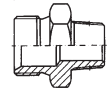
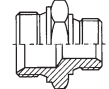
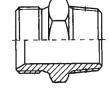
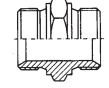
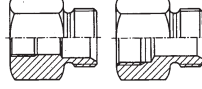
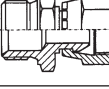
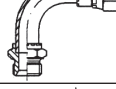
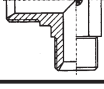


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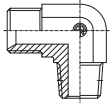
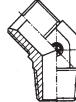
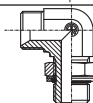
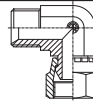
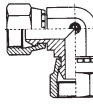
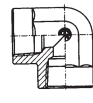
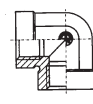
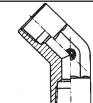
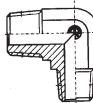
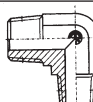
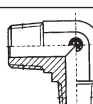
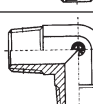
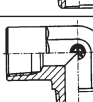
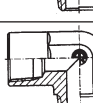
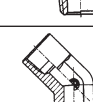


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NIPPLO MASCHIO RIDOTTO BSPP/NPT UNION DOUBLE DE REDUCTION BSPP/NPT REDUCED MALE NIPPLE STRAIGHT BSPP/NPT GEWINDEZAPFEN REDUZIERUNG BSPP/NPT ENLACE MACHO - REDUCIDO RECTO ROSCA BSPP/NPT	 34.64 TDMMR	
NIPPLO MASCHIO DI ESTREMITÀ DIRITTO BSPP/NPT UNION SIMPLE BSPP/NPT MALE NIPPLE STUD COUPLING BSPP/NPT GEWINDEZAPFEN BSP GEWINDE ZYLINDRISCH/NPT ENLACE MACHO - RECTO ROSCA GAS CILINDRICA BSPP/NPT	 34.65 TDMMR	
NIPPLO MASCHIO RIDOTTO BSPP/BSPT UNION DOUBLE DE REDUCTION BSPP/BSPT REDUCED MALE NIPPLE STRAIGHT COUPLING BSPP/BSPT GEWINDEZAPFEN REDUZIERUNG BSPP/BSPT ENLACE MACHO - REDUCIDO RECTO ROSCA BSPP/BSPT	 34.66 TDMMR	77
NIPPLO MASCHIO RIDOTTO - INTERMEDIO DIRITTO BSPP UNION DOUBLE DE REDUCTION BSPP REDUCED MALE NIPPLE - STRAIGHT COUPLING BSPP GEWINDEZAPFEN REDUZIERUNG B.S.P GEWINDE ZYLINDRISCH ENLACE MACHO - REDUCIDO RECTO ROSCA GAS CILINDRICA	 34.67 TDMMR	
NIPPLO MASCHIO - DI ESTREMITÀ DIRITTO BSPP/BSPT UNION SIMPLE BSPP-BSPT MALE NIPPLE - STUD COUPLING - BSP PARALLEL - BSP TAPARED GEWINDEZAPFEN BSP ZYLINDRISCH BSP KONISCH ENLACE MACHO - RECTO ROSCA GAS CILINDRICA - GAS CONICA	 34.68 TDMMR	78
NIPPLO MASCHIO - INTERMEDIO DIRITTO BSPP UNION DOUBLE BSPP MALE NIPPLE - STRAIGHT COUPLING - BSP PARALLEL THREAD GEWINDEZAPFEN BSPP ENLACE MACHO - RECTO ROSCA GAS CILINDRICO	 34.69 TDMMR	
RIDUZIONE BSPP CONO 60° INTERMEDIAIRE DE REDUCTION BSPP SURFACE 60° STUD ADAPTORS BSPP CONED 60° BSPP REDUZIERUNG / ERWEITERUNG MIT 60° - KONUS RACOR DE REDUCCIÓN ROSCADO BSPP ASIENTO 60°	 34.73 TDFMR	79
TAPPO MASCHIO OBTURATEUR MALE MALE PLUG VERSCHLUSS BUTZEN TAPÓN MACHO	 34.75 TDMR	
TAPPO FEMMINA OBTURATEUR FEMELLE FEMALE PLUG VERSCHLUSS KAPPE TAPÓN HEMBRA	 34.76 TDGR	
ADATTATORE DIRITTO MASCHIO GAS CIL. 60° - FEMMINA GIREVOLE 60° ADAPTEUR DROIT FBSP 60° - HBSP 60° STRAIGHT ADAPTER MALE BSPP CONED 60° - FEMALE CAP SURFACE 60° AUSSENGEWINDE ÜBERWURFMUTTER BSPP ADAPTER ADAPTADOR MACHO TUERCA ROSCA GAS ASIENTO 60°	 600.01 TDMGR	80
ADATTATORE DIRITTO RIDOTTO MASCHIO GAS CIL. 60° - FEMMINA GIREVOLE 60° ADAPTEUR DE REDUCTION DROIT FBSP 60° - HBSP 60° REDUCED STRAIGHT ADAPTER MALE BSPP CONED 60° - FEMALE CAP SURFACE 60° AUSSENGEWINDE ÜBERWURFMUTTER BSPP ADAPTER REDUZIERUNG ADAPTADOR REDUCIDO MACHO TUERCA ROSCA GAS ASIENTO 60°	 600.02 TDMGR	
MASCHIO 90° GAS CIL. SVASATO 60° FEMMINA GIREVOLE OGIVA 60° 90°AUSSENGEWINDE ÜBERWURFMUTTER BSP ADAPTER 60° ADAPTER 90° CYLINDRICAL MALE CONED 60° FEMALE CAP SURFACE 60° CONED 90° HBSP 60° FBSP 60° ADAPTADOR 90° MACHO-TUERCA ROSCA GAS ASIENTO 60°	 600.03 T9MGR	
UNIONE GOMITO 90° UNIONE CODE 90° ELBOW COUPLING 90° WINKELVERSCHRAUBUNG 90° UNION CODO MACHO 90°	 60.01 T9MMR	81

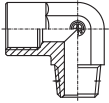
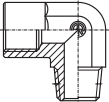
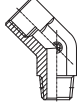
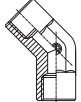
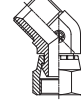
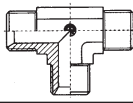
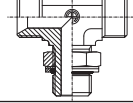
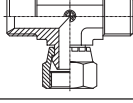
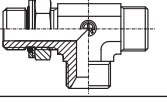
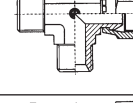
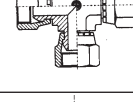
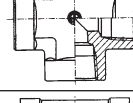
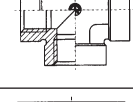
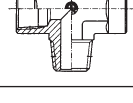
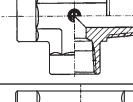
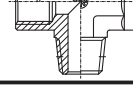


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DESCRIZIONE - DESCRIPTION - BESCHREIBUNG - DESCRIPCIÓN	CODICE - REFERENCE - CODE - BEST NR. - REFERENCIA	PAG.
UNIONE GOMITO 90° GAS CILINDRICO - GAS CONICO UNIONE CODE 90° CYLINDRIQUE - GAZ CONIQUE ELBOW COUPLING 90° BSPP - BSPT WINKELVERSCHRAUBUNG 90° BSPP - BSPT UNION CODO MACHO 90° BSPP - BSPT	 60.02 T9MMR	81
GOMITO MASCHIO 45° GAS CILINDRICO - GAS CONICO COUDE MALE 45° GAZ CYLINDRIQUE - GAZ CONIQUE ELBOW MALE COUPLING 45° BSPP - BSPT WINKLEINSCHRAUBVERSCHRAUBUNG 45° BSPP - BSPT CODO MACHO 45° BSPP - BSPT	 60.03 T4MMR	
ADATTATORE ORIENTABILE 45° MASCHIO-MASCHIO CON O.RING COUDE ORIENTABLE 45° MALE-MALE AVEC O.RING 45° MALE-MALE O.RING ADJUSTABLE ADAPTOR 45° EINSTELLBARER EINSCHRAUBADAPTER MIT O.RING CUERPO: ADAPTADOR ORIENTABLE 45° MACHO-MACHO CON JUNTA TORICA	 60.04 T4MOR	82
ADATTATORE ORIENTABILE 90° MASCHIO-MASCHIO CON O.RING COUDE ORIENTABLE 90° MALE-MALE AVEC O.RING 90° MALE-MALE O.RING ADJUSTABLE ADAPTOR 90° EINSTELLBARER EINSCHRAUBADAPTER MIT O.RING CUERPO: ADAPTADOR ORIENTABLE 90° MACHO-MACHO CON JUNTA TORICA	 60.05 T9MOR	
UNIONE GOMITO 90° CON DADO GIREVOLE UNION COUDE 90° ECROU PIVOTANT ELBOW COUPLING 90° WITH ROTARY NUT WINKELVERSCHRAUBUNG 90° MIT DREHMUTTER UNION CODO 90° CON TUERCA LOCA	 60.09 T9MGR	83
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UNIONE GOMITO 90° FEMMINA NPT UNION COUDE 90° FEMELLE NPT ELBOW FEMALE COUPLING 90° WINKELAUFSCHRAUBVERSCHRAUBUNG 90° NPT UNION CODO 90° HEMBRA NPT	 60.14 T9FFN	84
UNIONE GOMITO 90° FEMMINA BSPP UNION COUDE 90° FEMELLE BSPP ELBOW FEMALE COUPLING 90° BSPP WINKELVERSCHRAUBVERSCHRAUBUNG 90° BSPP UNION CODO 90° HEMBRA BSPP	 60.15 T9FFR	
UNIONE GOMITO 45° FEMMINA NPT UNION COUDE 45° FEMELLE NPT ELBOW FEMALE COUPLING 45° NPT WINKELVERSCHRAUBVERSCHRAUBUNG 45° NPT UNION CODO 45° HEMBRA NPT	 60.16 T4FFN	
GOMITO MASCHIO RIDOTTO 90° BSPT COUDE MALE DE REDUCTION 90° BSPT REDUCED ELBOW MALE COUPLING 90° BSPT WINKELVERSCHRAUBVERSCHRAUBUNG 90° BSPT CODO MACHO REDUCIDO 90° BSPT	 60.19 T9MMK	85
GOMITO MASCHIO 90° BSPT COUDE MALE 90° BSPT MALE COUPLING 90° BSPT WINKELVERSCHRAUBVERSCHRAUBUNG 90° BSPT CODO MACHO 90° BSPT	 60.20 T9MMK	
GOMITO MASCHIO RIDOTTO 90° NPT COUDE MALE DE REDUCTION 90° NPT REDUCED ELBOW MALE COUPLING 90° NPT WINKELVERSCHRAUBVERSCHRAUBUNG 90° NPT CODO MACHO REDUCIDO 90° NPT	 60.21 T9MMN	
GOMITO MASCHIO 90° NPT COUDE MALE 90° NPT MALE COUPLING 90° NPT WINKELVERSCHRAUBVERSCHRAUBUNG 90° NPT CODO MACHO 90° NPT	 60.22 T9MMN	86
GOMITO RIDOTTO MASCHIO FEMMINA 90° NPT COUDE DE REDUCTION MALE FEMELLE 90° NPT REDUCED ELBOW MALE FEMALE 90° NPT WINKELVERSCHRAUBVERSCHRAUBUNG 90° NPT CODO MACHO HEMBRA 90° NPT	 60.25 T9FMN	
GOMITO MASCHIO FEMMINA 90° NPT COUDE MALE FEMELLE 90° NPT ELBOW MALE FEMALE 90° NPT WINKELVERSCHRAUBVERSCHRAUBUNG 90° NPT CODO MACHO HEMBRA 90° NPT	 60.26 T9FMN	
GOMITO MASCHIO FEMMINA 45° NPT COUDE MALE FEMELLE 45° NPT ELBOW MALE FEMALE 45° NPT WINKELVERSCHRAUBVERSCHRAUBUNG 45° NPT CODO MACHO HEMBRA 45° NPT	 60.27 T4FMN	87



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GOMITO RIDOTTO MASCHIO BSPT FEMMINA BSPP 90° COUDE DE REDUCTION MALE BSPT FEMELLE BSPP 90° REDUCED ELBOW MALE BSPT FEMALE BSPP 90° WINKELVERSCHRAUBVERSCHRAUBUNG 90° BSPT/BSPP CODO MACHO BSPT HEMBRA BSPP 90°	 60.35 T9FMR	87
GOMITO MASCHIO BSPT FEMMINA BSPP 90° COUDE MALE BSPT FEMELLE BSPP 90° ELBOW MALE BSPT FEMALE BSPP 90° VERSCHRAUBVERSCHRAUBUNG 90° BSPT/BSPPMACHO BSPT HEMBRA BSPP 90°	 60.36 T9FMR	
GOMITO MASCHIO BSPT FEMMINA BSPP 45° COUDE MALE BSPT FEMELLE BSPP 45° ELBOW MALE BSPT FEMALE BSPP 45° WINKELVERSCHRAUBVERSCHRAUBUNG 45° BSPT/BSPP CODO MACHO BSPT HEMBRA BSPP 45°	 60.37 T4FMR	88
UNIONE GOMITO 45° FEMMINA BSPP UNION COUDE 45° FEMELLE BSPP ELBOW FEMALE COUPLING 45° BSPP WINKELVERSCHRAUBVERSCHRAUBUNG 45° BSPP UNION CODO 45° HEMBRA BSPP	 60.38 T4FFR	
UNIONE GOMITO 45° CON DADO GIREVOLE UNION COUDE 45° ECROU PIVOTANT ELBOW COUPLING 45° WITH ROTARY NUT WINKELVERSCHRAUBUNG 45° MIT DREHMUTTER UNION CODO 45° CON TUERCA LOCA	 60.39 T4MGR	89
UNIONE A "T" UNION "T" EQUAL TEES T-VERSCHRAUBUNG UNION TE MACHO-MACHO	 60.51 TTMMMR	
ADATTATORE ORIENTABILE A "T" MASCHIO-MASCHIO CON O.RING COUDE ORIENTABLE "T" MALE-MALE AVEC O.RING "T" MALE-MALE O.RING ADJUSTABLE ADAPTOR "T" EINSTELLBARER EINSCHRAUBADAPTER MIT O.RING ADAPTADOR ORIENTABLE "T" MACHO-MACHO CON JUNTA TORICA	 60.53 TTMOMR	90
"T" DI LINEA CON DADO GIREVOLE "T" DE LIGNE ECROU PIVOTANT "T" OF LINE WITH ROTARY NUT LINIEN T MIT DREHMUTTER TE MACHO TUERCA LOCA CENTRAL	 60.55 TTMGMR	
ADATTATORE ORIENTABILE A "L" MASCHIO-MASCHIO CON O.RING COUDE ORIENTABLE "L" MALE-MALE AVEC O.RING ADJUSTABLE ADAPTOR "L" MALE-MALE O.RING "L" EINSTELLBARER EINSCHRAUBADAPTER MIT O.RING ADAPTADOR ORIENTABLE "L" MACHO-MACHO CON JUNTA TORICA	 60.57 TTMMOR	91
"T" DI DERIVAZIONE CON DADO GIREVOLE "T" DE DERIVATION ECROU PIVOTANT DERIVATING "T" WITH ROTARY NUT ABLEITUNG-T MIT DREHMUTTER TE MACHO TUERCA LOCA LATERAL	 60.59 TTMMGR	
UNIONE A "T" CON DADO GIREVOLE UNION "T" ECROU PIVOTANT EQUAL TEES WITH ROTARY NUT T-VERSCHRAUBUNG MIT DREHMUTTER UNION TE CON TUERCA LOCA	 60.60 TTGGGR	92
"T" FEMMINA NPT "T" FEMELLE NPT FEMALE "T" NPT AUFSCHRAUB-T NPT TE HEMBRA NPT	 60.64 TTFFFN	
"T" FEMMINA BSPP "T" FEMELLE BSPP FEMALE "T" BSPP AUFSCHRAUB-T BSPP TE HEMBRA BSPP	 60.65 TTFFFR	93
"T" DI DERIVAZIONE MASCHIO/FEMMINA NPT "T" MALE/FEMELLE DE DERIVATION NPT DERIVATING "T" MALE/FEMALE NPT ABLEITUNG "T" - NPT TE MACHO/HEMBRA DERIVACION NPT	 60.67 TTFMFN	
"L" DI DERIVAZIONE MASCHIO/FEMMINA NPT "L" MALE/FEMELLE DE DERIVATION NPT DERIVATING "L" MALE/FEMALE NPT ABLEITUNG "L" - NPT TE MACHO/HEMBRA DERIVACION NPT	 60.68 TTFMFN	93
"T" DI DERIVAZIONE MASCHIO BSPT FEMMINA BSPP "T" MALE BSPT FEMELLE BSPP DE DERIVATION DERIVATING "T" MALE BSPT FEMALE BSPP ABLEITUNG "T" - BSPT/BSPP TE MACHO BSPT HEMBRA BSPP DERIVACION	 60.77 TTFMFR	



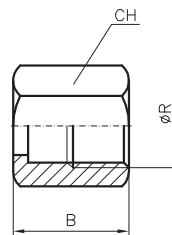
DADO

ECROU

NUT

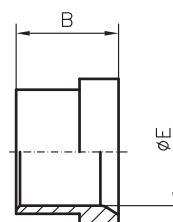
ÜBERWURFMUTTER

TUERCA



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC 37°	B	CH	
mm.	Poll. - Pouces Inch. - Zoll Pulgadas						
6	1/4	● BA.13.00.04	● TBA1304	7/16	15,5	14	
8	5/16	● BA.13.00.05	● TBA1305	1/2	17	17	
10	3/8	● BA.13.00.06	● TBA1306	9/16	18,3	19	
12	1/2	● BA.13.00.08	● TBA1308	3/4	21,3	22	
14	-	● BA.13.00.10	● TBA1310	7/8	24,6	27	
15	-	● BA.13.00.10	● TBA1310	7/8	24,6	27	
16	5/8	● BA.13.00.10	● TBA1310	7/8	24,6	27	
18	3/4	● BA.13.00.12	● TBA1312	1" 1/16	25,9	32	
20	-	● BA.13.00.14	● TBA1314	1"1/16	25,9	32	
25	1"	● BA.13.00.16	● TBA1316	1" 5/16	28,4	41	
30	-	● BA.13.00.20	● TBA1320	1" 5/8	31	50	
32	1" 1/4	● BA.13.00.20	● TBA1320	1" 5/8	31	50	
38	1" 1/2	● BA.13.00.24	● TBA1324	1" 7/8	35,8	60	

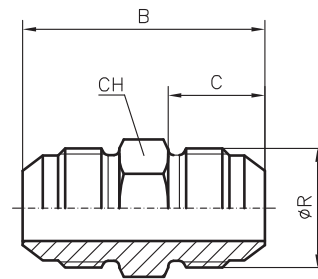
BUSSOLA: TUBO POLLICI
TUBO METRICO
FOURREAU: TUBE POUCES
TUBE METRIQUE
BUSH: INCHES TUBE
METRIC TUBE
STÜTZHÜLSE: METRISCHES ROHR
ZÖLLIGES ROHR
FERULA: TUBO EN PULGADAS
TUBO METRICO



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	B	Ø E	
mm.	Poll. - Pouces Inch. - Zoll Pulgadas					
-	1/4	● BA.15.00.04	● TBA1504	10,4	6,55	
-	5/16	● BA.15.00.05	● TBA1505	11,2	8,15	
-	3/8	● BA.15.00.06	● TBA1506	12,7	9,75	
-	1/2	● BA.15.00.08	● TBA1508	14,2	12,90	
-	5/8	● BA.15.00.10	● TBA1510	16,8	16,10	
-	3/4	● BA.15.00.12	● TBA1512	17,3	19,25	
-	1"	● BA.15.00.16	● TBA1516	19,8	25,60	
-	1" 1/4	● BA.15.00.20	● TBA1520	23,1	32,10	
6	-	● BA.83.00.06	● TBA8306	10,4	6,13	
8	-	● BA.83.00.08	● TBA8308	11,2	8,13	
10	-	● BA.83.00.10	● TBA8310	12,7	10,13	
12	-	● BA.83.00.12	● TBA8312	14,2	12,13	
14	-	● BA.83.00.14	● TBA8314	16,8	14,15	
15	-	● BA.83.00.15	● TBA8315	16,8	15,15	
16	-	● BA.83.00.16	● TBA8316	16,8	16,15	
18	-	● BA.83.00.18	● TBA8318	17,3	18,15	
20	-	● BA.83.00.20	● TBA8320	17,3	20,15	
25	-	● BA.83.00.25	● TBA8325	19,8	25,15	
30	-	● BA.83.00.30	● TBA8330	23,1	30,15	
32	-	● BA.83.00.32	● TBA8332	23,1	32,25	
38	1"1/2	● BA.83.00.38	● TBA8338	28,4	38,35	



CORPO: UNIONE DIRITTA
CORPS: UNION DROIT
BODY: STRAIGHT COUPLING
KÖRPER: GERADE VERSCHRAUBUNG
CUERPO: ADAPTADOR RECTO

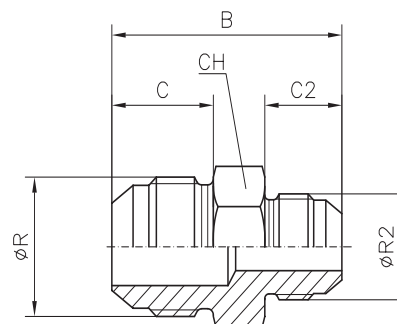


Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC 37°	B	C	CH	PN	
mm.	Poll. - Pouces Inch. - Zoll Pulgadas								
6	1/4	● BA.17.00.04	● TBA1704	7/16	34,8	14	13 ¹⁾	350	
8	5/16	● BA.17.00.05	● TBA1705	1/2	34,8	14	14	350	
10	3/8	● BA.17.00.06	● TBA1706	9/16	35,8	14,1	16 ²⁾	350	
12	1/2	● BA.17.00.08	● TBA1708	3/4	41,1	16,7	19	350	
14	-	● BA.17.00.10	● TBA1710	7/8	47,8	19,3	24	350	
15	-	● BA.17.00.10	● TBA1710	7/8	47,8	19,3	24	350	
16	5/8	● BA.17.00.10	● TBA1710	7/8	47,8	19,3	24	350	
18	-	● BA.17.00.12	● TBA1712	1" 1/16	54,9	21,9	27	350	
20	3/4	● BA.17.00.12	● TBA1712	1" 1/16	54,9	21,9	27	350	
25	1"	● BA.17.00.16	● TBA1716	1" 5/16	57,2	23,1	36	280	
30	-	● BA.17.00.20	● TBA1720	1" 5/8	61,7	24,3	46	210	
32	1" 1/4	● BA.17.00.20	● TBA1720	1" 5/8	61,7	24,3	46	210	
38	1" 1/2	● BA.17.00.24	● TBA1724	1" 7/8	69,8	27,5	50	140	

1) AISI 316L CH = 12

2) AISI 316L CH = 17

CORPO: UNIONE DIRITTA RIDOTTA
CORPS: UNION DROIT DE REDUCTION
BODY: REDUCED STRAIGHT COUPLING
KÖRPER: GERADE VERSCHRAUBUNG - REDUZIERUNG
CUERPO: ADAPTADOR REDUCIDO RECTO

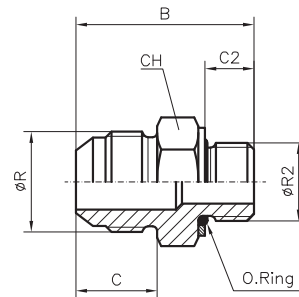


Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC 37°	Ø R2-UNF JIC 37°	B	C	C2	CH	PN
mm.	Poll. - Pouces Inch. - Zoll Pulgadas									
10	3/8	● BA.18.06.04	● TBA170604	9/16	7/16	35,7	14,1	14	16 ¹⁾	350
12	1/2	● BA.18.08.06	● TBA170806	3/4	9/16	38,5	16,7	14,1	19	350
14	-	● BA.18.10.08	● TBA171008	7/8	3/4	45,2	19,3	16,7	24	350
15	-	● BA.18.10.08	● TBA171008	7/8	3/4	45,2	19,3	16,7	24	350
16	5/8	● BA.18.10.08	● TBA171008	7/8	3/4	45,2	19,3	16,7	24	350
18	-	● BA.18.12.08	● TBA171208	1" 1/16	3/4	49,7	21,9	16,7	27	350
20	3/4	● BA.18.12.08	● TBA171208	1" 1/16	3/4	49,7	21,9	16,7	27	350
18	-	● BA.18.12.10	● TBA171210	1" 1/16	7/8	52,3	21,9	19,3	27	350
20	3/4	● BA.18.12.10	● TBA171210	1" 1/16	7/8	52,3	21,9	19,3	27	350
25	1"	● BA.18.16.12	● TBA171612	1" 5/16	1" 1/16	56	23,1	21,9	36	280

1) AISI 316L CH = 17



CORPO: TERMINALE DIRITTO MASCHIO BSPP (GAS CILINDRICO)
CORPS: TERMINAL DROIT MALE BSPP (GAZ CYLINDRIQUE)
BODY: MALE STUD BSPP (B.S.P. PARALLEL)
KÖRPER: GERADE EINSCHRAUB BSPP (B.S.P. ZYLINDRISCH)
CUERPO: ADAPTADOR RECTO MACHO BSPP (GAS CILINDRICO)



Ø TUBO-TUBE-ROHR		Articolo Article Item	Codice Reference Code	Ø R-UNF JIC 37°	Ø R2 BSPP	B	C	C2	CH	PN
mm.	Poll. - Pouces Inch. - Zoll Pulgadas	Artikelnummer Artículo	Best-nr Código							
6	1/4	● BA.19.04.02	● TBA19N04R02	7/16	1/8	28,7	14	6,3	16 1)	350
6	1/4	● BA.19.04.04	● TBA19N04R04	7/16	1/4	32	14	9,5	19	350
6	1/4	● BA.19.04.06	● TBA19N04R06	7/16	3/8	33	14	9,5	22	350
6	1/4	● BA.19.04.08	● TBA19N04R08	7/16	1/2	38,6	14	13	30	350
8	5/16	● BA.19.05.02	● TBA19N05R02	1/2	1/8	28,7	14	6,3	16 1)	350
8	5/16	● BA.19.05.04	● TBA19N05R04	1/2	1/4	32	14	9,5	19	350
8	5/16	● BA.19.05.06	● TBA19N05R06	1/2	3/8	33,7	14	9,5	22	350
10	3/8	● BA.19.06.02	● TBA19N06R02	9/16	1/8	28,7	14,1	6,3	16 1)	350
10	3/8	● BA.19.06.04	● TBA19N06R04	9/16	1/4	32	14,1	9,5	19	350
10	3/8	● BA.19.06.06	● TBA19N06R06	9/16	3/8	33	14,1	9,5	22	350
10	3/8	● BA.19.06.08	● TBA19N06R08	9/16	1/2	38,6	14,1	13	30	350
12	1/2	● BA.19.08.04	● TBA19N08R04	3/4	1/4	35	16,7	9,5	19	350
12	1/2	● BA.19.08.06	● TBA19N08R06	3/4	3/8	36	16,7	9,5	22	350
12	1/2	● BA.19.08.08	● TBA19N08R08	3/4	1/2	41,4	16,7	13	30	350
12	1/2	● BA.19.08.12	● TBA19N08R12	3/4	3/4	42,4	16,7	13	36	250
14	-	● BA.19.10.06	● TBA19N10R06	7/8	3/8	39,1	19,3	9,5	24	350
15	-	● BA.19.10.06	● TBA19N10R06	7/8	3/8	39,1	19,3	9,5	24	350
16	5/8	● BA.19.10.06	● TBA19N10R06	7/8	3/8	39,1	19,3	9,5	24	350
14	-	● BA.19.10.08	● TBA19N10R08	7/8	1/2	43,9	19,3	13	30	350
15	-	● BA.19.10.08	● TBA19N10R08	7/8	1/2	43,9	19,3	13	30	350
16	5/8	● BA.19.10.08	● TBA19N10R08	7/8	1/2	43,9	19,3	13	30	350
14	-	● BA.19.10.12	● TBA19N10R12	7/8	3/4	43,9	19,3	13	36	250
15	-	● BA.19.10.12	● TBA19N10R12	7/8	3/4	43,9	19,3	13	36	250
16	5/8	● BA.19.10.12	● TBA19N10R12	7/8	3/4	43,9	19,3	13	36	250
18	-	● BA.19.12.06	● TBA19N12R06	1" 1/16	3/8	42,4	21,9	9,5	30	350
20	3/4	● BA.19.12.06	● TBA19N12R06	1" 1/16	3/8	42,4	21,9	9,5	30	350
18	-	● BA.19.12.08	● TBA19N12R08	1" 1/16	1/2	46,7	21,9	13	30	350
20	3/4	● BA.19.12.08	● TBA19N12R08	1" 1/16	1/2	46,7	21,9	13	30	350
18	-	● BA.19.12.12	● TBA19N12R12	1" 1/16	3/4	47,5	21,9	13	36	250
20	3/4	● BA.19.12.12	● TBA19N12R12	1" 1/16	3/4	47,5	21,9	13	36	250
18	-	● BA.19.12.16	● TBA19N12R16	1" 1/16	1"	52,6	21,9	16	46	250
20	3/4	● BA.19.12.16	● TBA19N12R16	1" 1/16	1"	52,6	21,9	16	46	250
25	1"	● BA.19.16.12	● TBA19N16R12	1" 5/16	3/4	48,5	23,1	13	36	250
25	1"	● BA.19.16.16	● TBA19N16R16	1" 5/16	1"	53,6	23,1	16	46	250
25	1"	● BA.19.16.20	● TBA19N16R20	1" 5/16	1" 1/4	55,1	23,1	16	50	175
25	1"	● BA.19.16.24	● TBA19N16R24	1" 5/16	1" 1/2	55,7	23,1	16	60	175
30	-	● BA.19.20.16	● TBA19N20R16	1" 5/8	1"	53,6	24,3	16	46	210
32	1" 1/4	● BA.19.20.16	● TBA19N20R16	1" 5/8	1"	53,6	24,3	16	46	210
30	-	● BA.19.20.20	● TBA19N20R20	1" 5/8	1" 1/4	56,9	24,3	16	50	175
32	1" 1/4	● BA.19.20.20	● TBA19N20R20	1" 5/8	1" 1/4	56,9	24,3	16	50	175
30	-	● BA.19.20.24	● TBA19N20R24	1" 5/8	1" 1/2	56,8	24,3	16	55	140
32	1" 1/4	● BA.19.20.24	● TBA19N20R24	1" 5/8	1" 1/2	56,8	24,3	16	55	140
38	1" 1/2	● BA.19.24.16	● TBA19N24R16	1" 7/8	1"	57,5	27,5	16	50	140
38	1" 1/2	● BA.19.24.20	● TBA19N24R20	1" 7/8	1" 1/4	60,4	27,5	16	50	140
38	1" 1/2	● BA.19.24.24	● TBA19N24R24	1" 7/8	1" 1/2	61	27,5	16	60	140

1) AISI 316L CH = 17



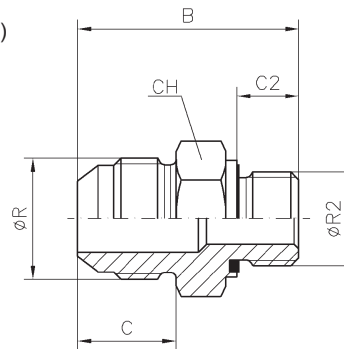
CORPO: TERMINALE DIRITTO MASCHIO BSPP (GAS CILINDRICO)
GG - GUARNIZIONE GOMMA - FORMA E DIN 3852

CORPS: TERMINAL DROIT MALE BSPP (GAZ CYLINDRIQUE)
GG - JOINT EN CAOUTCHOUC - FORME E DIN 3852

BODY: MALE STUD BSPP (B.S.P. PARALLEL)
GG - RUBBER SEAL - TYPE E DIN 3852

KÖRPER: GERADE EINSCHRAUB BSPP (B.S.P. ZYLINDRISCH)
GG - GUMMIDICHTUNG - FORM E DIN 3852

CUERPO: ADAPTADOR RECTO MACHO BSPP (GAS CILINDRICO)
GG - JUNTA DE GOMA - FORMA E DIN 3852



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC 37°	Ø R2 BSPP	B	C	C2	CH	PN
mm.	Poll. - Pouces Inch. - Zoll Pulgadas									
6	1/4	● BA.20.04.02	● TBA19G04R02	7/16	1/8	30	14	8	14	350
6	1/4	● BA.20.04.04	● TBA19G04R04	7/16	1/4	35	14	12	19	350
6	1/4	● BA.20.04.06	● TBA19G04R06	7/16	3/8	35,5	14	12	22	350
6	1/4	● BA.20.04.08	● TBA19G04R08	7/16	1/2	39	14	14	27	350
8	5/16	● BA.20.05.02	● TBA19G05R02	1/2	1/8	30	14	8	14	350
8	5/16	● BA.20.05.04	● TBA19G05R04	1/2	1/4	35	14	12	19	350
8	5/16	● BA.20.05.06	● TBA19G05R06	1/2	3/8	35,7	14	12	22	350
10	3/8	● BA.20.06.02	● TBA19G06R02	9/16	1/8	31	14,1	8	16 ¹⁾	350
10	3/8	● BA.20.06.04	● TBA19G06R04	9/16	1/4	35	14,1	12	19	350
10	3/8	● BA.20.06.06	● TBA19G06R06	9/16	3/8	36	14,1	12	22	350
10	3/8	● BA.20.06.08	● TBA19G06R08	9/16	1/2	39,5	14,1	14	27	350
12	1/2	● BA.20.08.04	● TBA19G08R04	3/4	1/4	38,5	16,7	12	19	350
12	1/2	● BA.20.08.06	● TBA19G08R06	3/4	3/8	39	16,7	12	22	350
12	1/2	● BA.20.08.08	● TBA19G08R08	3/4	1/2	42	16,7	14	27	350
12	1/2	● BA.20.08.12	● TBA19G08R12	3/4	3/4	45,5	16,7	16	32	250
14	-	● BA.20.10.06	● TBA19G10R06	7/8	3/8	42,5	19,3	12	24	350
15	-	● BA.20.10.06	● TBA19G10R06	7/8	3/8	42,5	19,3	12	24	350
16	5/8	● BA.20.10.06	● TBA19G10R06	7/8	3/8	42,5	19,3	12	24	350
14	-	● BA.20.10.08	● TBA19G10R08	7/8	1/2	44,5	19,3	14	27	350
15	-	● BA.20.10.08	● TBA19G10R08	7/8	1/2	44,5	19,3	14	27	350
16	5/8	● BA.20.10.08	● TBA19G10R08	7/8	1/2	44,5	19,3	14	27	350
14	-	● BA.20.10.12	● TBA19G10R12	7/8	3/4	48	19,3	16	32	250
15	-	● BA.20.10.12	● TBA19G10R12	7/8	3/4	48	19,3	16	32	250
16	5/8	● BA.20.10.12	● TBA19G10R12	7/8	3/4	48	19,3	16	32	250
18	-	● BA.20.12.06	● TBA19G12R06	1" 1/16	3/8	45,5	21,9	12	27	350
20	3/4	● BA.20.12.06	● TBA19G12R06	1" 1/16	3/8	45,5	21,9	12	27	350
18	-	● BA.20.12.08	● TBA19G12R08	1" 1/16	1/2	49	21,9	14	27	350
20	3/4	● BA.20.12.08	● TBA19G12R08	1" 1/16	1/2	49	21,9	14	27	350
18	-	● BA.20.12.12	● TBA19G12R12	1" 1/16	3/4	51	21,9	16	32	250
20	3/4	● BA.20.12.12	● TBA19G12R12	1" 1/16	3/4	51	21,9	16	32	250
18	-	● BA.20.12.16	● TBA19G12R16	1" 1/16	1"	53,5	21,9	18	41	250
20	3/4	● BA.20.12.16	● TBA19G12R16	1" 1/16	1"	53,5	21,9	18	41	250
25	1"	● BA.20.16.12	● TBA19G16R12	1" 5/16	3/4	52,5	23,1	16	36	250
25	1"	● BA.20.16.16	● TBA19G16R16	1" 5/16	1"	54,5	23,1	18	41	250
25	1"	● BA.20.16.20	● TBA19G16R20	1" 5/16	1" 1/4	58,5	23,1	20	50	175
25	1"	● BA.20.16.24	● TBA19G16R24	1" 5/16	1" 1/2	62	23,1	22	55	175
30	-	● BA.20.20.16	● TBA19G20R16	1" 5/8	1"	56	24,3	18	46	210
32	1" 1/4	● BA.20.20.16	● TBA19G20R16	1" 5/8	1"	56	24,3	18	46	210
30	-	● BA.20.20.20	● TBA19G20R20	1" 5/8	1" 1/4	60	24,3	20	50	175
32	1" 1/4	● BA.20.20.20	● TBA19G20R20	1" 5/8	1" 1/4	60	24,3	20	50	175
30	-	● BA.20.20.24	● TBA19G20R24	1" 5/8	1" 1/2	63,8	24,3	22	55	140
32	1" 1/4	● BA.20.20.24	● TBA19G20R24	1" 5/8	1" 1/2	63,8	24,3	22	55	140
38	1" 1/2	● BA.20.24.16	● TBA19G24R16	1" 7/8	1"	60	27,5	18	50	140
38	1" 1/2	● BA.20.24.20	● TBA19G24R20	1" 7/8	1" 1/4	65	27,5	20	50	140
38	1" 1/2	● BA.20.24.24	● TBA19G24R24	1" 7/8	1" 1/2	67	27,5	22	55	140

1) AISI 316L CH = 17



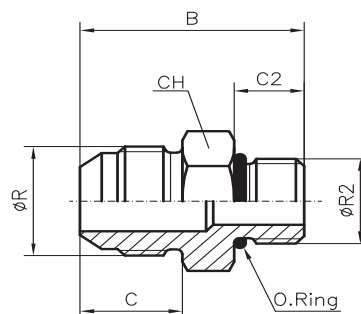
CORPO: TERMINALE DIRITTO MASCHIO UNF 2A

CORPS: TERMINAL DROIT MALE UNF 2A

BODY: MALE STUD UNF 2A

KÖRPER: GERADE EINSCHRAUB UNF 2A

CUERPO: ADAPTADOR RECTO MACHO UNF 2A



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC 37°	Ø R2 UNF	B	C	C2	CH	PN
mm.	Poll. - Pouces Inch. - Zoll Pulgadas									
6	1/4	● BA.21.04.04	● TBA1904U07	7/16	7/16	31,2	14	9,1	14	350
6	1/4	● BA.21.04.05	● TBA1904U08	7/16	1/2	31,2	14	9,1	16 1)	350
6	1/4	● BA.21.04.06	● TBA1904U09	7/16	9/16	33	14	9,9	17	350
6	1/4	● BA.21.04.08	● TBA1904U12	7/16	3/4	35	14	11,1	22	350
8	5/16	● BA.21.05.05	● TBA1905U08	1/2	1/2	31,2	14	9,1	16 1)	350
8	5/16	● BA.21.05.06	● TBA1905U09	1/2	9/16	33	14	9,9	17	350
10	3/8	● BA.21.06.04	● TBA1906U07	9/16	7/16	32,2	14,1	9,1	16 1)	350
10	3/8	● BA.21.06.05	● TBA1906U08	9/16	1/2	32,2	14,1	9,1	16 1)	350
10	3/8	● BA.21.06.06	● TBA1906U09	9/16	9/16	33	14,1	9,9	17	350
10	3/8	● BA.21.06.08	● TBA1906U12	9/16	3/4	35,1	14,1	11,1	22	350
10	3/8	● BA.21.06.10	● TBA1906U14	9/16	7/8	35	14,1	12,7	27	350
12	1/2	● BA.21.08.06	● TBA1908U09	3/4	9/16	36,6	16,7	9,9	19	350
12	1/2	● BA.21.08.08	● TBA1908U12	3/4	3/4	37,6	16,7	11,1	22	350
12	1/2	● BA.21.08.10	● TBA1908U14	3/4	7/8	40,6	16,7	12,7	27	350
12	1/2	● BA.21.08.12	● TBA1908U17	3/4	1" 1/16	44,7	16,7	15,1	32	350
14	-	● BA.21.10.08	● TBA1910U12	7/8	3/4	40,6	19,3	11,1	24	350
15	-	● BA.21.10.08	● TBA1910U12	7/8	3/4	40,6	19,3	11,1	24	350
16	5/8	● BA.21.10.08	● TBA1910U12	7/8	3/4	40,6	19,3	11,1	24	350
14	-	● BA.21.10.10	● TBA1910U14	7/8	7/8	43,2	19,3	12,7	27	350
15	-	● BA.21.10.10	● TBA1910U14	7/8	7/8	43,2	19,3	12,7	27	350
16	5/8	● BA.21.10.10	● TBA1910U14	7/8	7/8	43,2	19,3	12,7	27	350
14	-	● BA.21.10.12	● TBA1910U17	7/8	1" 1/16	47,2	19,3	15,1	32	350
15	-	● BA.21.10.12	● TBA1910U17	7/8	1" 1/16	47,2	19,3	15,1	32	350
16	5/8	● BA.21.10.12	● TBA1910U17	7/8	1" 1/16	47,2	19,3	15,1	32	350
18	-	● BA.21.12.08	● TBA1912U12	1" 1/16	3/4	45,2	21,9	11,1	27	350
20	3/4	● BA.21.12.08	● TBA1912U12	1" 1/16	3/4	45,2	21,9	11,1	27	350
18	-	● BA.21.12.10	● TBA1912U14	1" 1/16	7/8	46,4	21,9	12,7	27	350
20	3/4	● BA.21.12.10	● TBA1912U14	1" 1/16	7/8	46,4	21,9	12,7	27	350
18	-	● BA.21.12.12	● TBA1912U17	1" 1/16	1" 1/16	50	21,9	15,1	32	350
20	3/4	● BA.21.12.12	● TBA1912U17	1" 1/16	1" 1/16	50	21,9	15,1	32	350
18	-	● BA.21.12.16	● TBA1912U21	1" 1/16	1" 5/16	50,8	21,9	15,1	38 2)	350
20	3/4	● BA.21.12.16	● TBA1912U21	1" 1/16	1" 5/16	50,8	21,9	15,1	38 2)	350
25	1"	● BA.21.16.10	● TBA1916U14	1" 5/16	7/8	52,8	23,1	12,7	38 2)	280
25	1"	● BA.21.16.12	● TBA1916U17	1" 5/16	1" 1/16	51,1	23,1	15,1	36	280
25	1"	● BA.21.16.16	● TBA1916U21	1" 5/16	1" 5/16	51,8	23,1	15,1	38 2)	280
25	1"	● BA.21.16.20	● TBA1916U26	1" 5/16	1" 5/8	53,8	23,1	15,1	50	280
30	-	● BA.21.20.16	● TBA1920U21	1" 5/8	1" 5/16	55,1	24,3	15,1	50	210
32	1" 1/4	● BA.21.20.16	● TBA1920U21	1" 5/8	1" 5/16	55,1	24,3	15,1	50	210
30	-	● BA.21.20.20	● TBA1920U26	1" 5/8	1" 5/8	55,1	24,3	15,1	50	210
32	1" 1/4	● BA.21.20.20	● TBA1920U26	1" 5/8	1" 5/8	55,1	24,3	15,1	50	210
30	-	● BA.21.20.24	● TBA1920U30	1" 5/8	1" 7/8	56	24,3	15,1	55	140
32	1" 1/4	● BA.21.20.24	● TBA1920U30	1" 5/8	1" 7/8	56	24,3	15,1	55	140
38	1" 1/2	● BA.21.24.20	● TBA1924U26	1" 7/8	1" 5/8	55,5	27,5	15,1	55	140
38	1" 1/2	● BA.21.24.24	● TBA1924U30	1" 7/8	1" 7/8	60,2	27,5	15,1	55	140

1) AISI 316L CH = 17 2) AISI 316L CH = 41



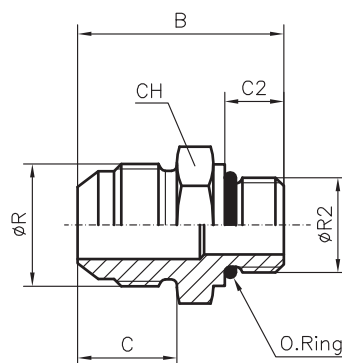
CORPO: TERMINALE DIRITTO MASCHIO METRICO
CILINDRICO - ISO 6149-3

CORPS: TERMINAL DROIT MALE CYLINDRIQUE
METRIQUE - ISO 6149-3

BODY: MALE STUD METRIC PARALLEL -
ISO 6149-3

KÖRPER: GERADE EINSCHRAUB METRISCH
ZYLINDRISCH - ISO 6149-3

CUERPO: ADAPTADOR RECTO MACHO METRICO
CILINDRICO - ISO 6149-3



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC 37°	Ø R2 Metrico Metrique Metric Metrisch	B	C	C2	CH	PN
mm.	Poll. - Pouces Inch. - Zoll Pulgadas									
6	1/4	● BA.23.04.02	● TBA19N04M10	7/16	10x1	31	14	8,5	16 1)	350
6	1/4	● BA.23.04.03	● TBA19N04M12	7/16	12x1,5	33	14	11	16	350
8	5/16	● BA.23.05.02	● TBA19N05M10	1/2	10x1	30,5	14	8,5	16	350
8	5/16	● BA.23.05.03	● TBA19N05M12	1/2	12x1,5	33,5	14	11	19	350
8	5/16	● BA.23.05.04	● TBA19N05M14	1/2	14x1,5	33,5	14	11	19	350
10	3/8	● BA.23.06.04	● TBA19N06M14	9/16	14x1,5	33,5	14,1	11	19	350
10	3/8	● BA.23.06.05	● TBA19N06M16	9/16	16x1,5	35	14,1	11,5	22	350
12	1/2	● BA.23.08.04	● TBA19N08M14	3/4	14x1,5	36	16,7	11	19	350
12	1/2	● BA.23.08.05	● TBA19N08M16	3/4	16x1,5	37,5	16,7	11,5	22	350
12	1/2	● BA.23.08.06	● TBA19N08M18	3/4	18x1,5	39	16,7	12,5	24	350
12	1/2	● BA.23.08.08	● TBA19N08M22	3/4	22x1,5	39	16,7	13	27	350
14	-	● BA.23.10.04	● TBA19N10M14	7/8	14x1,5	40	19,3	11	24	350
15	-	● BA.23.10.04	● TBA19N10M14	7/8	14x1,5	40	19,3	11	24	350
16	5/8	● BA.23.10.04	● TBA19N10M14	7/8	14x1,5	40	19,3	11	24	350
14	-	● BA.23.10.06	● TBA19N10M18	7/8	18x1,5	42	19,3	12,5	24	350
15	-	● BA.23.10.06	● TBA19N10M18	7/8	18x1,5	42	19,3	12,5	24	350
16	5/8	● BA.23.10.06	● TBA19N10M18	7/8	18x1,5	42	19,3	12,5	24	350
14	-	● BA.23.10.07	● TBA19N10M20	7/8	20x1,5	43	19,3	12,5	27	350
15	-	● BA.23.10.07	● TBA19N10M20	7/8	20x1,5	43	19,3	12,5	27	350
16	5/8	● BA.23.10.07	● TBA19N10M20	7/8	20x1,5	43	19,3	12,5	27	350
14	-	● BA.23.10.08	● TBA19N10M22	7/8	22x1,5	43	19,3	13	27	350
15	-	● BA.23.10.08	● TBA19N10M22	7/8	22x1,5	43	19,3	13	27	350
16	5/8	● BA.23.10.08	● TBA19N10M22	7/8	22x1,5	43	19,3	13	27	350
18	-	● BA.23.12.06	● TBA19N12M18	1" 1/16	18x1,5	44	21,9	12,5	27	350
20	3/4	● BA.23.12.06	● TBA19N12M18	1" 1/16	18x1,5	44	21,9	12,5	27	350
18	-	● BA.23.12.08	● TBA19N12M22	1" 1/16	22x1,5	45,5	21,9	13	27	350
20	3/4	● BA.23.12.08	● TBA19N12M22	1" 1/16	22x1,5	45,5	21,9	13	27	350
18	-	● BA.23.12.14	● TBA19N12M27	1" 1/16	27x2	49	21,9	16	32	350
20	3/4	● BA.23.12.14	● TBA19N12M27	1" 1/16	27x2	49	21,9	16	32	350
25	1"	● BA.23.16.14	● TBA19N16M27	1" 5/16	27x2	50,5	23,1	16	36	280
25	1"	● BA.23.16.16	● TBA19N16M33	1" 5/16	33x2	51,5	23,1	16	41	280
30	-	● BA.23.20.20	● TBA19N20M42	1" 5/8	42x2	55	24,3	16	50	210
32	1" 1/4	● BA.23.20.20	● TBA19N20M42	1" 5/8	42x2	55	24,3	16	50	210
38	1" 1/2	● BA.23.24.24	● TBA19N24M48	1" 7/8	48x2	59,5	27,5	17,5	55	140

1) AISI 316L CH = 17



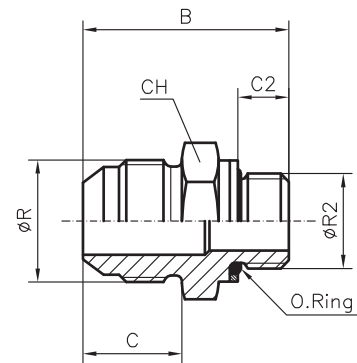
CORPO: TERMINALE DIRITTO MASCHIO METRICO
CILINDRICO - RONDELLA TENUTA O-RING

CORPS: TERMINAL DROIT MALE CYLINDRIQUE
METRIQUE - RONDELLE D'ETANCHEITE
O-RING

BODY: MALE STUD METRIC PARALLEL -
O-RING SEALRING

KÖRPER: GERADE EINSCHRAUB METRISCH
ZYLINDRISCH - BEWEGLICHE
UNTERLEGSCHIBE F.O-RING

CUERPO: ADAPTADOR RECTO MACHO METRICO
CILINDRICO - ARAÑDELA DE RETENCION
JUNTA TORICA



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC 37°	Ø R2 Metrico Metrique Metric Metrisch	B	C	C2	CH	PN
mm.	Poll. - Pouces Inch. - Zoll Pulgadas									
6	1/4	● BA.23.04.02 W	● TBA19N04M10W	7/16	10x1	31	14	7,5	16 1)	350
6	1/4	● BA.23.04.03 W	● TBA19N04M12W	7/16	12x1,5	33	14	9,5	16 1)	350
8	5/16	● BA.23.05.02 W	● TBA19N05M10W	1/2	10x1	31,5	14	7,5	16 1)	350
8	5/16	● BA.23.05.03 W	● TBA19N05M12W	1/2	12x1,5	33,5	14	9,5	19	350
8	5/16	● BA.23.05.04 W	● TBA19N05M14W	1/2	14x1,5	33,5	14	9,5	19	350
10	3/8	● BA.23.06.04 W	● TBA19N06M14W	9/16	14x1,5	33,5	14,1	9,5	19	350
10	3/8	● BA.23.06.05 W	● TBA19N06M16W	9/16	16x1,5	35	14,1	10	22	350
12	1/2	● BA.23.08.04 W	● TBA19N08M14W	3/4	14x1,5	36	16,7	9,5	19	350
12	1/2	● BA.23.08.05 W	● TBA19N08M16W	3/4	16x1,5	37,5	16,7	10	22	350
12	1/2	● BA.23.08.06 W	● TBA19N08M18W	3/4	18x1,5	39	16,7	11	24	350
12	1/2	● BA.23.08.08 W	● TBA19N08M22W	3/4	22x1,5	39	16,7	11,5	27	350
14	-	● BA.23.10.04 W	● TBA19N10M14W	7/8	14x1,5	40	19,3	9,5	24	350
15	-	● BA.23.10.04 W	● TBA19N10M14W	7/8	14x1,5	40	19,3	9,5	24	350
16	5/8	● BA.23.10.04 W	● TBA19N10M14W	7/8	14x1,5	40	19,3	9,5	24	350
14	-	● BA.23.10.06 W	● TBA19N10M18W	7/8	18x1,5	42	19,3	11	24	350
15	-	● BA.23.10.06 W	● TBA19N10M18W	7/8	18x1,5	42	19,3	11	24	350
16	5/8	● BA.23.10.06 W	● TBA19N10M18W	7/8	18x1,5	42	19,3	11	24	350
14	-	● BA.23.10.07 W	● TBA19N10M20W	7/8	20x1,5	43	19,3	11,5	27	350
15	-	● BA.23.10.07 W	● TBA19N10M20W	7/8	20x1,5	43	19,3	11,5	27	350
16	5/8	● BA.23.10.07 W	● TBA19N10M20W	7/8	20x1,5	43	19,3	11,5	27	350
14	-	● BA.23.10.08 W	● TBA19N10M22W	7/8	22x1,5	43	19,3	11,5	27	350
15	-	● BA.23.10.08 W	● TBA19N10M22W	7/8	22x1,5	43	19,3	11,5	27	350
16	5/8	● BA.23.10.08 W	● TBA19N10M22W	7/8	22x1,5	43	19,3	11,5	27	350
18	-	● BA.23.12.06 W	● TBA19N12M18W	1" 1/16	18x1,5	44	21,9	11	27	350
20	3/4	● BA.23.12.06 W	● TBA19N12M18W	1" 1/16	18x1,5	44	21,9	11	27	350
18	-	● BA.23.12.08 W	● TBA19N12M22W	1" 1/16	22x1,5	45,5	21,9	11,5	27	350
20	3/4	● BA.23.12.08 W	● TBA19N12M22W	1" 1/16	22x1,5	45,5	21,9	11,5	27	350
18	-	● BA.23.12.14 W	● TBA19N12M27W	1" 1/16	27x2	49	21,9	14	32	350
20	3/4	● BA.23.12.14 W	● TBA19N12M27W	1"1/16	27x2	49	21,9	14	32	350
25	1"	● BA.23.16.14 W	● TBA19N16M27W	1" 5/16	27x2	50,5	23,1	14	36	250
25	1"	● BA.23.16.16 W	● TBA19N16M33W	1" 5/16	33x2	51,5	23,1	14	41	250
30	-	● BA.23.20.20 W	● TBA19N20M42W	1" 5/8	42x2	55	24,3	14	50	210
32	1" 1/4	● BA.23.20.20 W	● TBA19N20M42W	1" 5/8	42x2	55	24,3	14	50	210
38	1" 1/2	● BA.23.24.24 W	● TBA19N24M48W	1" 7/8	48x2	59,5	27,5	15,5	55	140

1) AISI 316L CH = 17



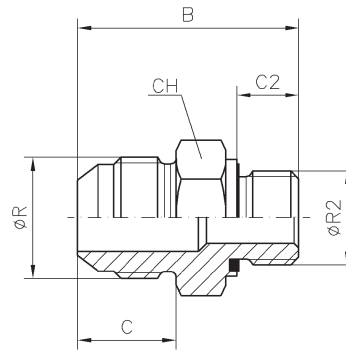
CORPO: TERMINALE DIRITTO MASCHIO METRICO CILINDRICO
GG - GUARNIZIONE GOMMA - FORMA E DIN 3852

CORPS: TERMINAL DROIT MALE CYLINDRIQUE METRIQUE
GG - JOINT EN CAOUTCHOUC - FORME E DIN 3852

BODY: MALE STUD METRIC PARALLEL GG - RUBBER
SEAL - TYPE E DIN 3852

KÖRPER: GERADE EINSCHRAUB METRISCH ZYLINDRISCH
GG - GUMMIDICHTUNG - FORM E DIN 3852

CUERPO: ADAPTADOR RECTO MACHO METRICO CILINDRICO
GG - JUNTA DE GOMA - FORMA E DIN 3852



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC 37°	Ø R2 Metrico Metrique Metric Metrisch	B	C	C2	CH	PN
mm.	Poll. - Pouces Inch. - Zoll Pulgadas									
6	1/4	● BA.24.04.02	● TBA19G04M10	7/16	10x1	30,5	14	8	14	350
6	1/4	● BA.24.04.03	● TBA19G04M12	7/16	12x1,5	35,5	14	12	17	350
8	5/16	● BA.24.05.02	● TBA19G05M10	1/2	10x1	31,5	14,1	8	14	350
8	5/16	● BA.24.05.03	● TBA19G05M12	1/2	12x1,5	35,5	14,1	12	17	350
8	5/16	● BA.24.05.04	● TBA19G05M14	1/2	14x1,5	35,5	14,1	12	19	350
10	3/8	● BA.24.06.04	● TBA19G06M14	9/16	14x1,5	35,5	14,1	12	19	350
10	3/8	● BA.24.06.05	● TBA19G06M16	9/16	16x1,5	37	14,1	12	22	350
12	1/2	● BA.24.08.04	● TBA19G08M14	3/4	14x1,5	38,5	16,7	12	19	350
12	1/2	● BA.24.08.05	● TBA19G08M16	3/4	16x1,5	39,5	16,7	12	22	350
12	1/2	● BA.24.08.06	● TBA19G08M18	3/4	18x1,5	40	16,7	12	24	350
14	-	● BA.24.10.06	● TBA19G10M18	7/8	18x1,5	42,5	19,3	12	24	350
15	-	● BA.24.10.06	● TBA19G10M18	7/8	18x1,5	42,5	19,3	12	24	350
16	5/8	● BA.24.10.06	● TBA19G10M18	7/8	18x1,5	42,5	19,3	12	24	350
14	-	● BA.24.10.07	● TBA19G10M20	7/8	20x1,5	43	19,3	11,5	27	350
15	-	● BA.24.10.07	● TBA19G10M20	7/8	20x1,5	43	19,3	11,5	27	350
16	5/8	● BA.24.10.07	● TBA19G10M20	7/8	20x1,5	43	19,3	11,5	27	350
14	-	● BA.24.10.08	● TBA19G10M22	7/8	22x1,5	45	19,3	14	27	350
15	-	● BA.24.10.08	● TBA19G10M22	7/8	22x1,5	45	19,3	14	27	350
16	5/8	● BA.24.10.08	● TBA19G10M22	7/8	22x1,5	45	19,3	14	27	350
18	-	● BA.24.12.08	● TBA19G12M22	1" 1/16	22x1,5	48	21,9	14	27	350
20	3/4	● BA.24.12.08	● TBA19G12M22	1" 1/16	22x1,5	48	21,9	14	27	350
18	-	● BA.24.12.14	● TBA19G12M27	1" 1/16	27x2	51	21,9	16	32	350
20	3/4	● BA.24.12.14	● TBA19G12M27	1" 1/16	27x2	51	21,9	16	32	350
25	1"	● BA.24.16.14	● TBA19G16M27	1" 5/16	27x2	53,5	23,1	16	36	280
25	1"	● BA.24.16.16	● TBA19G16M33	1" 5/16	33x2	55,5	23,1	18	41	280
30	-	● BA.24.20.20	● TBA19G20M42	1" 5/8	42x2	61	24,3	20	50	210
32	1" 1/4	● BA.24.20.20	● TBA19G20M42	1" 5/8	42x2	61	24,3	20	50	210
38	1" 1/2	● BA.24.24.24	● TBA19G24M48	1" 7/8	48x2	66	27,5	22	55	140



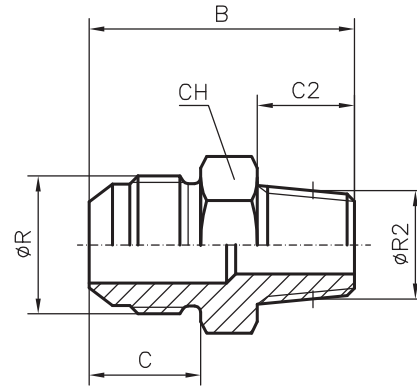
CORPO: TERMINALE DIRITTO MASCHIO NPT

CORPS: TERMINAL DROIT MALE NPT

BODY: MALE STUD NPT

KÖRPER: GERADE EINSCHRAUB NPT

CUERPO: ADAPTADOR RECTO MACHO NPT



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC 37°	Ø R2 NPT	B	C	C2	CH	PN
mm.	Poll. - Pouces Inch. - Zoll Pulgadas									
6	1/4	● BA.25.04.02	● TBA2504N02	7/16	1/8	31	14	9,7	13 ¹⁾	350
6	1/4	● BA.25.04.04	● TBA2504N04	7/16	1/4	36	14	14,2	14	350
6	1/4	● BA.25.04.06	● TBA2504N06	7/16	3/8	37	14	14,2	19	350
6	1/4	● BA.25.04.08	● TBA2504N08	7/16	1/2	42,5	14	19	22	350
8	5/16	● BA.25.05.02	● TBA2505N02	1/2	1/8	31	14	9,7	14	350
8	5/16	● BA.25.05.04	● TBA2505N04	1/2	1/4	36,1	14	14,2	14	350
10	3/8	● BA.25.06.02	● TBA2506N02	9/16	1/8	31,8	14,1	9,7	16 ²⁾	350
10	3/8	● BA.25.06.04	● TBA2506N04	9/16	1/4	36,3	14,1	14,2	16 ²⁾	350
10	3/8	● BA.25.06.06	● TBA2506N06	9/16	3/8	36,3	14,1	14,2	19	350
10	3/8	● BA.25.06.08	● TBA2506N08	9/16	1/2	42,5	14,1	19	22	350
12	1/2	● BA.25.08.04	● TBA2508N04	3/4	1/4	38,9	16,7	14,2	19	350
12	1/2	● BA.25.08.06	● TBA2508N06	3/4	3/8	38,9	16,7	14,2	19	350
12	1/2	● BA.25.08.08	● TBA2508N08	3/4	1/2	45,4	16,7	19	22	350
12	1/2	● BA.25.08.12	● TBA2508N12	3/4	3/4	47	16,7	19	27	350
14	-	● BA.25.10.06	● TBA2510N06	7/8	3/8	43,1	19,3	14,2	24	350
15	-	● BA.25.10.06	● TBA2510N06	7/8	3/8	43,1	19,3	14,2	24	350
16	5/8	● BA.25.10.06	● TBA2510N06	7/8	3/8	43,1	19,3	14,2	24	350
14	-	● BA.25.10.08	● TBA2510N08	7/8	1/2	48	19,3	19	24	350
15	-	● BA.25.10.08	● TBA2510N08	7/8	1/2	48	19,3	19	24	350
16	5/8	● BA.25.10.08	● TBA2510N08	7/8	1/2	48	19,3	19	24	350
14	-	● BA.25.10.12	● TBA2510N12	7/8	3/4	49,5	19,3	19	27	350
15	-	● BA.25.10.12	● TBA2510N12	7/8	3/4	49,5	19,3	19	27	350
16	5/8	● BA.25.10.12	● TBA2510N12	7/8	3/4	49,5	19,3	19	27	350
18	-	● BA.25.12.08	● TBA2512N06	1" 1/16	1/2	52,1	21,9	19	27	350
20	3/4	● BA.25.12.08	● TBA2512N06	1" 1/16	1/2	52,1	21,9	19	27	350
18	-	● BA.25.12.12	● TBA2512N12	1" 1/16	3/4	52,3	21,9	19	27	350
20	3/4	● BA.25.12.12	● TBA2512N12	1" 1/16	3/4	52,3	21,9	19	27	350
18	-	● BA.25.12.16	● TBA2512N16	1" 1/16	1"	57,1	21,9	23,9	36	280
20	3/4	● BA.25.12.16	● TBA2512N16	1" 1/16	1"	57,1	21,9	23,9	36	280
25	1"	● BA.25.16.08	● TBA2516N08	1" 5/16	1/2	53,5	23,1	19	36	280
25	1"	● BA.25.16.12	● TBA2516N12	1" 5/16	3/4	53,5	23,1	19	36	280
25	1"	● BA.25.16.16	● TBA2516N16	1" 5/16	1"	58,4	23,1	23,9	36	280
30	-	● BA.25.20.16	● TBA2520N16	1" 5/8	1"	61,5	24,3	23,9	46	210
32	1" 1/4	● BA.25.20.16	● TBA2520N16	1" 5/8	1"	61,5	24,3	23,9	46	210
30	-	● BA.25.20.20	● TBA2520N20	1" 5/8	1" 1/4	62,2	24,3	24,6	46	210
32	1" 1/4	● BA.25.20.20	● TBA2520N20	1" 5/8	1" 1/4	62,2	24,3	24,6	46	210
38	1" 1/2	● BA.25.24.20	● TBA2524N20	1" 7/8	1" 1/4	68,1	27,5	24,6	50	140
38	1" 1/2	● BA.25.24.24	● TBA2524N24	1" 7/8	1" 1/2	68,1	27,5	25,4	50	140

1) AISI 316L CH = 14 2) AISI 316L CH = 17



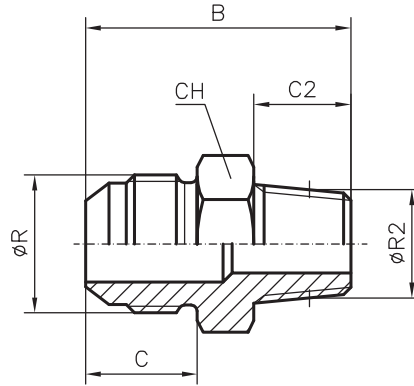
CORPO: TERMINALE DIRITTO MASCHIO BSPT
(GAS CONICO)

CORPS: TERMINAL DROIT MALE BSPT
(GAZ CONIQUE)

BODY: MALE STUD BSPT
(BSP TAPERED)

KÖRPER: GERADEEINSCHRAUBVERSCHRAUBUNG
(WHITWORTH-ROHRGEWINDE KEGELIG)

CUERPO: ADAPTADOR RECTO MACHO BSPT
(GAS CONICO)



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC 37°	Ø R2 BSPT	B	C	C2	CH	PN
mm.	Poll. - Pouces Inch. - Zoll Pulgadas									
6	1/4	● BA.26.04.02	● TBA2504K02	7/16	1/8	30,7	14	9,7	13 1)	350
6	1/4	● BA.26.04.04	● TBA2504K04	7/16	1/4	35,3	14	14,2	14	350
8	5/16	● BA.26.05.02	● TBA2505K02	1/2	1/8	30,7	14	9,7	14	350
8	5/16	● BA.26.05.04	● TBA2505K04	1/2	1/4	35,3	14	14,2	14	350
10	3/8	● BA.26.06.02	● TBA2506K02	9/16	1/8	31,1	14,1	9,7	16 2)	350
10	3/8	● BA.26.06.04	● TBA2506K04	9/16	1/4	35,6	14,1	14,2	16 2)	350
10	3/8	● BA.26.06.06	● TBA2506K06	9/16	3/8	35,6	14,1	14,2	19	350
10	3/8	● BA.26.06.08	● TBA2506K08	9/16	1/2	41,1	14,1	19	22	350
12	1/2	● BA.26.08.04	● TBA2508K04	3/4	1/4	38,1	16,7	14,2	19	350
12	1/2	● BA.26.08.06	● TBA2508K06	3/4	3/8	38,1	16,7	14,2	19	350
12	1/2	● BA.26.08.08	● TBA2508K08	3/4	1/2	43,7	16,7	19	22	350
12	1/2	● BA.26.08.12	● TBA2508K12	3/4	3/4	45,7	16,7	19	27	350
14	-	● BA.26.10.06	● TBA2510K06	7/8	3/8	41,9	19,3	14,2	24	350
15	-	● BA.26.10.06	● TBA2510K06	7/8	3/8	41,9	19,3	14,2	24	350
16	5/8	● BA.26.10.06	● TBA2510K06	7/8	3/8	41,9	19,3	14,2	24	350
14	-	● BA.26.10.08	● TBA2510K08	7/8	1/2	46,7	19,3	19	24	350
15	-	● BA.26.10.08	● TBA2510K08	7/8	1/2	46,7	19,3	19	24	350
16	5/8	● BA.26.10.08	● TBA2510K08	7/8	1/2	46,7	19,3	19	24	350
14	-	● BA.26.10.12	● TBA2510K12	7/8	3/4	48,3	19,3	19	27	350
15	-	● BA.26.10.12	● TBA2510K12	7/8	3/4	48,3	19,3	19	27	350
16	5/8	● BA.26.10.12	● TBA2510K12	7/8	3/4	48,3	19,3	19	27	350
18	-	● BA.26.12.08	● TBA2512K08	1" 1/16	1/2	50,8	21,9	19	27	350
20	3/4	● BA.26.12.08	● TBA2512K08	1" 1/16	1/2	50,8	21,9	19	27	350
18	-	● BA.26.12.12	● TBA2512K12	1" 1/16	3/4	50,8	21,9	19	27	350
20	3/4	● BA.26.12.12	● TBA2512K12	1" 1/16	3/4	50,8	21,9	19	27	350
18	-	● BA.26.12.16	● TBA2512K16	1" 1/16	1"	56,6	21,9	23,9	36	280
20	3/4	● BA.26.12.16	● TBA2512K16	1" 1/16	1"	56,6	21,9	23,9	36	280
25	1"	● BA.26.16.08	● TBA2516K08	1" 5/16	1/2	53,1	23,1	19	36	280
25	1"	● BA.26.16.12	● TBA2516K12	1" 5/16	3/4	53,1	23,1	19	36	280
25	1"	● BA.26.16.16	● TBA2516K16	1" 5/16	1"	57,9	23,1	23,9	36	280
30	-	● BA.26.20.16	● TBA2520K16	1" 5/8	1"	60,2	24,3	23,9	46	210
32	1" 1/4	● BA.26.20.16	● TBA2520K16	1" 5/8	1"	60,2	24,3	23,9	46	210
30	-	● BA.26.20.20	● TBA2520K20	1" 5/8	1" 1/4	61	24,3	24,6	46	210
32	1" 1/4	● BA.26.20.20	● TBA2520K20	1" 5/8	1" 1/4	61	24,3	24,6	46	210
38	1" 1/2	● BA.26.24.20	● TBA2524K20	1" 7/8	1" 1/4	65,5	27,5	24,6	50	140
38	1" 1/2	● BA.26.24.24	● TBA2524K24	1" 7/8	1" 1/2	66,3	27,5	25,4	50	140

1) AISI 316L CH = 14 2) AISI 316L CH = 17



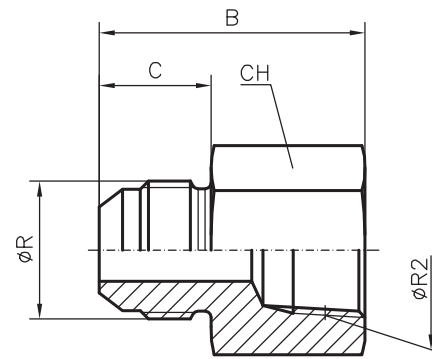
CORPO: TERMINALE DIRITTO FEMMINA NPT

CORPS: TERMINAL DROIT MALE FEMELLE NPT

BODY: FEMALE STUD NPT

KÖRPER: GERADE AUFSCHRAUB NPT

CUERPO: ADAPTADOR RECTO HEMBRA NPT



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC 37°	Ø R2 NPT	B	C	CH	PN
mm.	Poll. - Pouces Inch. - Zoll Pulgadas								
6	1/4	● BA.28.04.02	● TBA2804N02	7/16	1/8	30,2	14	14	350
6	1/4	● BA.28.04.04	● TBA2804N04	7/16	1/4	35,3	14	19	350
8	5/16	● BA.28.05.02	● TBA2805N02	1/2	1/8	29,7	14	14	350
8	5/16	● BA.28.05.04	● TBA2805N04	1/2	1/4	35,3	14	19	350
10	3/8	● BA.28.06.04	● TBA2806N04	9/16	1/4	35,6	14,1	19	350
10	3/8	● BA.28.06.06	● TBA2806N06	9/16	3/8	37,1	14,1	22	350
12	1/2	● BA.28.08.04	● TBA2808N04	3/4	1/4	39,6	16,7	22	350
12	1/2	● BA.28.08.06	● TBA2808N06	3/4	3/8	39,6	16,7	22	350
12	1/2	● BA.28.08.08	● TBA2808N08	3/4	1/2	45,6	16,7	30	350
14	-	● BA.28.10.08	● TBA2810N08	7/8	1/2	48	19,3	30	350
15	-	● BA.28.10.08	● TBA2810N08	7/8	1/2	48	19,3	30	350
16	5/8	● BA.28.10.08	● TBA2810N08	7/8	1/2	48	19,3	30	350
18	-	● BA.28.12.08	● TBA2812N08	1" 1/16	1/2	52,1	21,9	30	350
20	3/4	● BA.28.12.08	● TBA2812N08	1" 1/16	1/2	52,1	21,9	30	350
18	-	● BA.28.12.12	● TBA2812N12	1" 1/16	3/4	52,3	21,9	36	350
20	3/4	● BA.28.12.12	● TBA2812N12	1" 1/16	3/4	52,3	21,9	36	350
25	1"	● BA.28.16.16	● TBA2816N16	1" 5/16	1"	59,7	23,1	41	250
30	-	● BA.28.20.20	● TBA2820N20	1" 5/8	1" 1/4	63,2	24,3	50	210
32	1" 1/4	● BA.28.20.20	● TBA2820N20	1" 5/8	1" 1/4	63,2	24,3	50	210
38	1" 1/2	● BA.28.24.24	● TBA2824N24	1" 7/8	1" 1/2	66,5	27,5	60	140



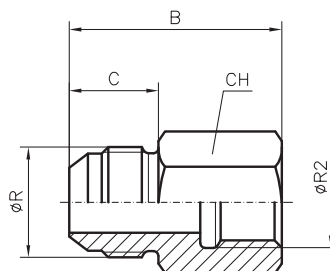
CORPO: TERMINALE DIRITTO FEMMINA BSPP
(GAS CILINDRICO)

CORPS: TERMINAL DROIT MALE FEMELLE BSPP
(GAZ CYLINDRIQUE)

BODY: FEMALE STUD BSPP
(B.S.P. PARALLEL)

KÖRPER: GERADE AUFSCRAUB BSPP
(B.S.P. ZYLINDRISCH)

CUERPO: ADAPTADOR RECTO HEMBRA BSPP
(GAS CILINDRICO)



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC 37°	Ø R2 BSPP	B	C	CH	PN
mm.	Poll. - Pouces Inch. - Zoll Pulgadas								
6	1/4	● BA.29.04.02	● TBA2804R02	7/16	1/8	30,2	14	14	350
6	1/4	● BA.29.04.04	● TBA2804R04	7/16	1/4	35,3	14	19	350
8	5/16	● BA.29.05.02	● TBA2805R02	1/2	1/8	29,7	14	14	350
8	5/16	● BA.29.05.04	● TBA2805R04	1/2	1/4	35,3	14	19	350
10	3/8	● BA.29.06.04	● TBA2806R04	9/16	1/4	35,6	14,1	19	350
10	3/8	● BA.29.06.06	● TBA2806R06	9/16	3/8	37,1	14,1	22	350
10	3/8	● BA.29.06.08	● TBA2806R08	9/16	1/2	43	14,1	30	350
12	1/2	● BA.29.08.04	● TBA2808R04	3/4	1/4	39,6	16,7	22	350
12	1/2	● BA.29.08.06	● TBA2808R06	3/4	3/8	39,6	16,7	22	350
12	1/2	● BA.29.08.08	● TBA2808R08	3/4	1/2	45,6	16,7	30	350
14	-	● BA.29.10.08	● TBA2810R08	7/8	1/2	48	19,3	30	350
15	-	● BA.29.10.08	● TBA2810R08	7/8	1/2	48	19,3	30	350
16	5/8	● BA.29.10.08	● TBA2810R08	7/8	1/2	48	19,3	30	350
18	-	● BA.29.12.08	● TBA2812R08	1" 1/16	1/2	52,1	21,9	30	350
20	3/4	● BA.29.12.08	● TBA2812R08	1" 1/16	1/2	52,1	21,9	30	350
18	-	● BA.29.12.12	● TBA2812R12	1" 1/16	3/4	52,3	21,9	36	350
20	3/4	● BA.29.12.12	● TBA2812R12	1" 1/16	3/4	52,3	21,9	36	350
25	1"	● BA.29.16.16	● TBA2816R16	1" 5/16	1"	59,7	23,1	46	280
30	-	● BA.29.20.16	● TBA2820R16	1" 5/8	1"	63,2	24,3	46	210
32	1" 1/4	● BA.29.20.16	● TBA2820R16	1" 5/8	1"	63,2	24,3	46	210
30	-	● BA.29.20.20	● TBA2820R20	1" 5/8	1" 1/4	63,2	24,3	50	210
32	1" 1/4	● BA.29.20.20	● TBA2820R20	1" 5/8	1" 1/4	63,2	24,3	50	210
38	1" 1/2	● BA.29.24.20	● TBA2824R20	1" 7/8	1" 1/4	66,5	27,5	60	140
38	1" 1/2	● BA.29.24.24	● TBA2824R24	1" 7/8	1" 1/2	66,5	27,5	60	140

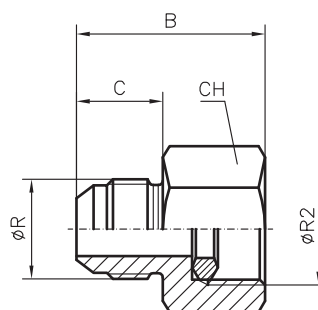
CORPO: TERMINALE DIRITTO FEMMINA BSPP
(GAS CILINDRICO)
RACCORDO PER MANOMETRO

CORPS: TERMINAL DROIT FEMELLE BSPP
(GAZ CYLINDRIQUE)
UNION POUR MANOMETRE

BODY: FEMALE STUD BSPP
(B.S.P. PARALLEL)
GAUGE COUPLINGS

KÖRPER: GERADE AUFSCRAUB BSPP
(B.S.P. ZYLINDRISCH)
MANOMETER-VERSCHRAUBUNGEN

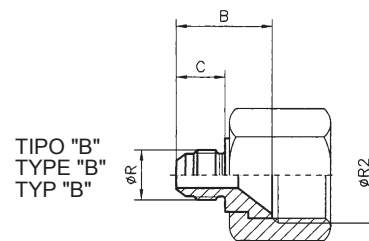
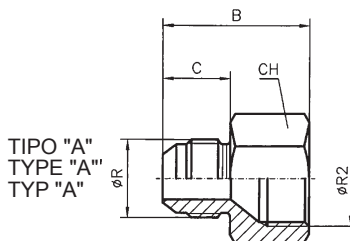
CUERPO: ADAPTADOR RECTO HEMBRA BSPP
(GAS CILINDRICO)
RACOR PARA MANÓMETRO



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC 37°	Ø R2 BSPP	B	C	CH	PN
mm.	Poll. - Pouces Inch. - Zoll Pulgadas								
6	1/4	● BA.30.04.04	● TBA3004R04	7/16	1/4	33	14	19	350
6	1/4	● BA.30.04.08	● TBA3004R08	7/16	1/2	40	14	27	350
8	5/16	● BA.30.05.04	● TBA3005R04	1/2	1/4	33	14	19	350
8	5/16	● BA.30.05.08	● TBA3005R08	1/2	1/2	40	14	27	350
10	3/8	● BA.30.06.04	● TBA3006R04	9/16	1/4	33,1	14,1	19	350
10	3/8	● BA.30.06.08	● TBA3006R08	9/16	1/2	40,1	14,1	27	350
12	1/2	● BA.30.08.04	● TBA3008R04	3/4	1/4	35,7	16,7	19	350
12	1/2	● BA.30.08.08	● TBA3008R08	3/4	1/2	42,7	16,7	27	350



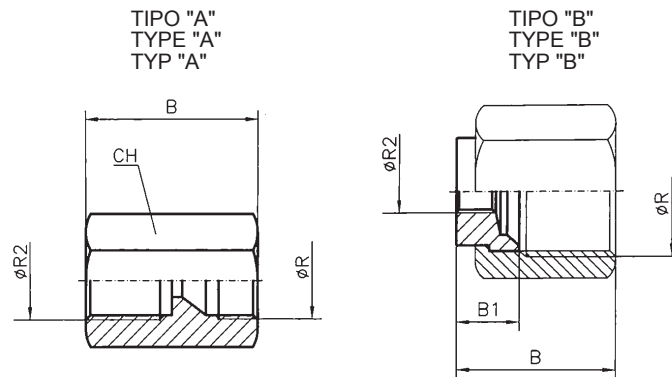
CORPO: RIDUZIONE
CORPS: REDUCTION
BODY: STUD ADAPTOR
KÖRPER: REDUZIERVERSCHRAUBUNG
CUERPO: REDUCCIÓN



Ø TUBO-TUBE-ROHR				Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R2-UNF JIC37°	Ø R-UNF JIC 37°	B	CH	Tipo Type Typ	C	PN
mm.	mm.	Poll. Inch. - Zoll Pulgadas	Poll. Inch. - Zoll Pulgadas									
8	6	5/16	1/4	● BA.31.05.04	● TBA310405	1/2	7/16	28	19	A	14	350
10	6	3/8	1/4	● BA.31.06.04	● TBA310406	9/16	7/16	24,6	-	B	14	350
10	8	3/8	5/16	● BA.31.06.05	● TBA310506	9/16	1/2	29	19	A	14	350
12	6	1/2	1/4	● BA.31.08.04	● TBA310408	3/4	7/16	25,4	-	B	14	350
12	8	1/2	5/16	● BA.31.08.05	● TBA310508	3/4	1/2	25,4	-	B	14	350
12	10	1/2	3/8	● BA.31.08.06	● TBA310608	3/4	9/16	25,4	-	B	14,1	350
14-15-16	6	5/8	1/4	● BA.31.10.04	● TBA310410	7/8	7/16	26,2	-	B	14	350
14-15-16	8	5/8	5/16	● BA.31.10.05	● TBA310510	7/8	1/2	26,2	-	B	14	350
14-15-16	10	5/8	3/8	● BA.31.10.06	● TBA310610	7/8	9/16	26,2	-	B	14,1	350
14-15-16	12	5/8	1/2	● BA.31.10.08	● TBA310810	7/8	3/4	36,5	27	A	16,7	350
18-20	6	3/4	1/4	● BA.31.12.04	● TBA310412	1" 1/16	7/16	27,6	-	B	14	350
18-20	8	3/4	5/16	● BA.31.12.05	● TBA310512	1" 1/16	1/2	27,6	-	B	14	350
18-20	10	3/4	3/8	● BA.31.12.06	● TBA310612	1" 1/16	9/16	27,6	-	B	14,1	350
18-20	12	3/4	1/2	● BA.31.12.08	● TBA310812	1" 1/16	3/4	30,2	-	B	16,7	350
18-20	14-15-16	3/4	5/8	● BA.31.12.10	● TBA311012	1" 1/16	7/8	42,1	32	A	19,3	350
25	6	1"	1/4	● BA.31.16.04	● TBA310416	1" 5/16	7/16	29,4	-	B	14	280
25	8	1"	5/16	● BA.31.16.05	● TBA310516	1" 5/16	1/2	29,4	-	B	14	280
25	10	1"	3/8	● BA.31.16.06	● TBA310616	1" 5/16	9/16	29,4	-	B	14,1	280
25	12	1"	1/2	● BA.31.16.08	● TBA310816	1" 5/16	3/4	32,1	-	B	16,7	280
25	14-15-16	1"	5/8	● BA.31.16.10	● TBA311016	1" 5/16	7/8	34,7	-	B	19,3	280
25	18-20	1"	3/4	● BA.31.16.12	● TBA311216	1" 5/16	1" 1/16	37,3	-	B	21,9	280
30-32	6	1" 1/4	1/4	● BA.31.20.04	● TBA310420	1" 5/8	7/16	31,2	-	B	14	210
30-32	8	1" 1/4	5/16	● BA.31.20.05	● TBA310520	1" 5/8	1/2	31,2	-	B	14	210
30-32	10	1" 1/4	3/8	● BA.31.20.06	● TBA310620	1" 5/8	9/16	31,2	-	B	14,1	210
30-32	12	1" 1/4	1/2	● BA.31.20.08	● TBA310820	1" 5/8	3/4	33,9	-	B	16,7	210
30-32	14-15-16	1" 1/4	5/8	● BA.31.20.10	● TBA311020	1" 5/8	7/8	36,5	-	B	19,3	210
30-32	18-20	1" 1/4	3/4	● BA.31.20.12	● TBA311220	1" 5/8	1" 1/16	39,1	-	B	21,9	210
30-32	25	1" 1/4	1"	● BA.31.20.16	● TBA311620	1" 5/8	1" 5/16	40,3	-	B	23,1	210
38	6	1" 1/2	1/4	● BA.31.24.04	● TBA310424	1" 7/8	7/16	32,6	-	B	14	140
38	8	1" 1/2	5/16	● BA.31.24.05	● TBA310524	1" 7/8	1/2	32,6	-	B	14	140
38	10	1" 1/2	3/8	● BA.31.24.06	● TBA310624	1" 7/8	9/16	32,6	-	B	14,1	140
38	12	1" 1/2	1/2	● BA.31.24.08	● TBA310824	1" 7/8	3/4	35,3	-	B	16,7	140
38	14-15-16	1" 1/2	5/8	● BA.31.24.10	● TBA311024	1" 7/8	7/8	37,9	-	B	19,3	140
38	18-20	1" 1/2	3/4	● BA.31.24.12	● TBA311224	1" 7/8	1" 1/16	40,5	-	B	21,9	140
38	25	1" 1/2	1"	● BA.31.24.16	● TBA311624	1" 7/8	1" 5/16	41,7	-	B	23,1	140
38	30-32	1" 1/2	1" 1/4	● BA.31.24.20	● TBA312024	1" 7/8	1" 5/8	42,9	-	B	24,3	140

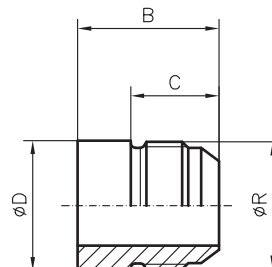


CORPO: RACCORDO PER PRESA PRESSIONE
CORPS: UNION PRISE DE PRESSION
BODY: PRESSURE GAUGE CONNECTOR
KÖRPER: ADAPTER FÜR PRÜ FANSCHLUß
CUERPO: TOMA DE PRESIÓN



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC37°	Ø R2 BSPP	B	B1	CH	Tipo Type Typ	PN
mm.	Poll. - Pouces Inch. - Zoll Pulgadas									
6	1/4	● BA.33.04.04	● TBA33A04R04	7/16	1/4	29	-	19	A	350
8	5/16	● BA.33.05.04	● TBA33A05R04	1/2	1/4	29	-	19	A	350
10	3/8	● BA.33.06.04	● TBA33A06R04	9/16	1/4	29	-	19	A	350
12	1/2	● BA.33.08.04	● TBA33A08R04	3/4	1/4	32	-	22	A	350
14-15-16	5/8	● BA.33.10.04	● TBA33A10R04	7/8	1/4	32	-	27	A	350
18-20	3/4	● BA.33.12.04	● TBA33B12R04	1" 1/16	1/4	25,9	17	32	B	350
25	1"	● BA.33.16.04	● TBA33B16R04	1" 5/16	1/4	28,4	17,5	41	B	280
30-32	1" 1/4	● BA.33.20.04	● TBA33B20R04	1" 5/8	1/4	31	19	50	B	210
38	1" 1/2	● BA.33.24.04	● TBA33B24R04	1" 7/8	1/4	35,8	24	60	B	210

CORPO: SALDABILE
CORPS: A SOUDER
BODY: WELDING
KÖRPER: ANSCHWEISSBAR
CUERPO: SOLDABLE



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC37°	B	C	Ø D	PN	
mm.	Poll. - Pouces Inch. - Zoll Pulgadas								
6	1/4	● BA.39.00.04	● FBA3904	7/16	23	14	12	350	
8	5/16	● BA.39.00.05	● FBA3905	1/2	24	14	13	350	
10	3/8	● BA.39.00.06	● FBA3906	9/16	24	14,1	15	350	
12	1/2	● BA.39.00.08	● FBA3908	3/4	27	16,7	20	350	
14-15-16	5/8	● BA.39.00.10	● FBA3910	7/8	30	19,3	23	350	
18-20	3/4	● BA.39.00.12	● FBA3912	1" 1/16	34	21,9	28	350	
25	1"	● BA.39.00.16	● FBA3916	1" 5/16	37	23,1	34	280	
30-32	1" 1/4	● BA.39.00.20	● FBA3920	1" 5/8	40	24,3	42	210	
38	1" 1/2	● BA.39.00.24	● FBA3924	1" 7/8	45	27,5	48	210	



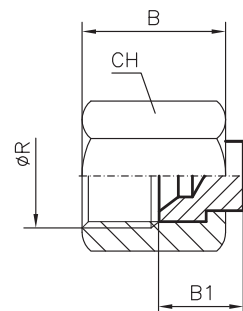
TAPPO PER RACCORDO

OBTURATEUR POUR RACCORD

PLUG FOR FITTING

VERSCHLUSSBOLZEN

TAPON PARA RACOR



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC37°	B	B1	CH	PN	
mm.	Poll. - Pouces Inch. - Zoll Pulgadas								
6	1/4	● BA.43.00.04	● TBA4304	7/16	15,5	9	14	350	
8	5/16	● BA.43.00.05	● TBA4305	1/2	17	10,5	17	350	
10	3/8	● BA.43.00.06	● TBA4306	9/16	18,3	10,5	19	350	
12	1/2	● BA.43.00.08	● TBA4308	3/4	21,3	13	22	350	
14-15-16	5/8	● BA.43.00.10	● TBA4310	7/8	24,6	14	27	350	
18-20	3/4	● BA.43.00.12	● TBA4312	1" 1/16	25,9	14	32	350	
25	1"	● BA.43.00.16	● TBA4316	1" 5/16	28,4	17	41	280	
30-32	1" 1/4	● BA.43.00.20	● TBA4320	1" 5/8	31	19	50	210	
38	1" 1/2	● BA.43.00.24	● TBA4324	1" 7/8	35,8	21	60	240	

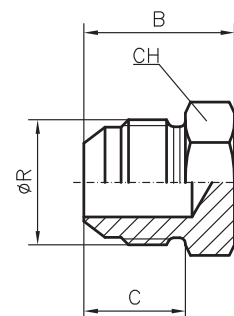
TAPPO PER TUBO

OBTURATEUR POUR TUBE

PLUG FOR TUBE

ROHRVESCHLUSS

TAPON PARA TUBO



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC37°	B	C	CH	PN	
mm.	Poll. - Pouces Inch. - Zoll Pulgadas								
6	1/4	● BA.45.00.04	● TBA4504	7/16	20,3	14	13 ¹⁾	350	
8	5/16	● BA.45.00.05	● TBA4505	1/2	20,3	14	14	350	
10	3/8	● BA.45.00.06	● TBA4506	9/16	21,3	14,1	16 ²⁾	350	
12	1/2	● BA.45.00.08	● TBA4508	3/4	23,9	16,7	19	350	
14-15-16	5/8	● BA.45.00.10	● TBA4510	7/8	27,9	19,3	24	350	
18-20	3/4	● BA.45.00.12	● TBA4512	1" 1/16	32,5	21,9	27	350	
25	1"	● BA.45.00.16	● TBA4516	1" 5/16	33,8	23,1	36	280	
30-32	1" 1/4	● BA.45.00.20	● TBA4520	1" 5/8	36,8	24,3	46	210	
38	1" 1/2	● BA.45.00.24	● TBA4524	1" 7/8	41,9	27,5	50	140	

1) AISI 316L CH = 12 2) AISI 316L CH = 17



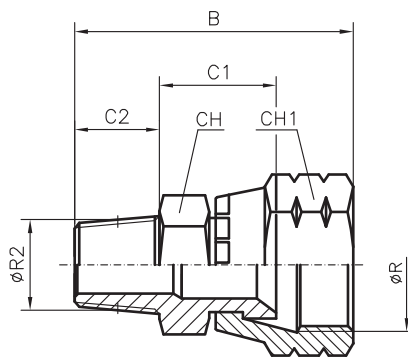
CORPO: ADATTATORE MASCHIO NPT
CON DADO GIREVOLE JIC

CORPS: ADAPTATEUR MALE NPT
ECROU PIVOTANT JIC

BODY: MALE STUD ADAPTOR NPT
WITH ROTARY NUT JIC

KÖRPER: EINSCHRAUBADAPTER NPT
MITDREHMUTTER JIC

CUERPO: ADAPTADOR MACHO NPT
CON TUERCA LOCA



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC 37°	Ø R2 NPT	B	C1	C2	CH	CH1	PN
mm.	Poll. - Pouces Inch. - Zoll Pulgadas										
6	1/4	● BA.46.04.02	● TBA4604N02	7/16	1/8	34,2	15,8	9,7	13 1)	17	350
6	1/4	● BA.46.04.04	● TBA4604N04	7/16	1/4	39,2	16,3	14,2	14	17	350
8	5/16	● BA.46.05.02	● TBA4605N02	1/2	1/8	37	17,8	9,7	13 2)	19	350
8	5/16	● BA.46.05.04	● TBA4605N04	1/2	1/4	42,1	18,4	14,2	14	19	350
10	3/8	● BA.46.06.02	● TBA4606N02	9/16	1/8	37,6	18,4	9,7	13	19	350
10	3/8	● BA.46.06.04	● TBA4606N04	9/16	1/4	42,1	18,4	14,2	14	19	350
10	3/8	● BA.46.06.06	● TBA4606N06	9/16	3/8	42,2	18,5	14,2	19	19	350
10	3/8	● BA.46.06.08	● TBA4606N08	9/16	1/2	47	18,5	19	22	19	350
12	1/2	● BA.46.08.04	● TBA4608N04	3/4	1/4	45,4	20,5	14,2	19	24	350
12	1/2	● BA.46.08.06	● TBA4608N06	3/4	3/8	45,4	20,5	14,2	19	24	350
12	1/2	● BA.46.08.08	● TBA4608N08	3/4	1/2	51,9	22,2	19	22	24	350
12	1/2	● BA.46.08.12	● TBA4608N12	3/4	3/4	51,9	22,2	19	27	24	350
14-15-16	5/8	● BA.46.10.06	● TBA4610N06	7/8	3/8	48,5	21,6	14,2	22	27	350
14-15-16	5/8	● BA.46.10.08	● TBA4610N08	7/8	1/2	53,5	21,8	19	22	27	350
14-15-16	5/8	● BA.46.10.12	● TBA4610N12	7/8	3/4	53,5	21,8	19	27	27	350
18-20	3/4	● BA.46.12.08	● TBA4612N08	1" 1/16	1/2	58	24,7	19	27	32	350
18-20	3/4	● BA.46.12.12	● TBA4612N12	1" 1/16	3/4	58	24,7	19	27	32	350
25	1"	● BA.46.16.12	● TBA4616N12	1" 5/16	3/4	60	25,9	19	32	38 3)	280
25	1"	● BA.46.16.16	● TBA4616N16	1" 5/16	1"	64,9	25,9	23,9	36	38 3)	280
30-32	1" 1/4	● BA.46.20.16	● TBA4620N16	1" 5/8	1"	68,1	28,3	23,9	41	50	210
30-32	1" 1/4	● BA.46.20.20	● TBA4620N20	1" 5/8	1" 1/4	70,8	30,3	24,6	46	50	210
38	1" 1/2	● BA.46.24.24	● TBA4624N24	1" 7/8	1" 1/2	76,9	32,3	26	50	60	210

1) AISI 316L CH = 12 2) AISI 316L CH = 14 3) AISI 316L CH1 = 41



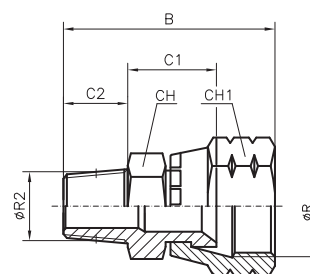
CORPO: ADATTATORE MASCHIO BSPT (GAS CONICO)
CON DADO GIREVOLE JIC

CORPS: ADAPTATEUR MALE BSPT (GAZ CONIQUE)
ECROU PIVOTANT JIC

BODY: MALE STUD ADAPTOR BSPT (BSP TAPERED)
WITH ROTARY NUT JIC

KÖRPER: EINSCHRAUBADAPTER BSPT
(WHITWORTH-ROHRGEWINDE KEGELIG)
MITDREHMUTTER JIC

CUERPO: ADAPTADOR MACHO BSPT (GAS CONICO)
CON TUERCA LOCA



ØTUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC 37°	Ø R2 BSPT	B	C1	C2	CH	CH1	PN
mm.	Poll. - Pouces Inch. - Zoll Pulgadas										
6	1/4	● BA.47.04.02	● TBA4604K02	7/16	1/8	33,9	15,5	9,7	13 1)	17	350
6	1/4	● BA.47.04.04	● TBA4604K04	7/16	1/4	38,5	15,6	14,2	14	17	350
8	5/16	● BA.47.05.02	● TBA4605K02	1/2	1/8	36,8	17,6	9,7	13	19	350
8	5/16	● BA.47.05.04	● TBA4605K04	1/2	1/4	41,3	17,6	14,2	14	19	350
10	3/8	● BA.47.06.04	● TBA4606K04	9/16	1/4	41,5	17,8	14,2	14	19	350
10	3/8	● BA.47.06.06	● TBA4606K06	9/16	3/8	41,5	17,8	14,2	19	19	350
12	1/2	● BA.47.08.04	● TBA4608K04	3/4	1/4	44,6	19,7	14,2	19	24	350
12	1/2	● BA.47.08.06	● TBA4608K06	3/4	3/8	44,6	19,7	14,2	19	24	350
12	1/2	● BA.47.08.08	● TBA4608K08	3/4	1/2	49,4	19,7	19	22	24	350
14-15-16	5/8	● BA.47.10.06	● TBA4610K06	7/8	3/8	47,3	20,4	14,2	22	27	350
14-15-16	5/8	● BA.47.10.08	● TBA4610K08	7/8	1/2	52,1	20,4	19	22	27	350
14-15-16	5/8	● BA.47.10.12	● TBA4610K12	7/8	3/4	54,1	22,4	19	27	27	350
18-20	3/4	● BA.47.12.08	● TBA4612K08	1" 1/16	1/2	56,7	23,4	19	27	32	350
18-20	3/4	● BA.47.12.12	● TBA4612K12	1" 1/16	3/4	56,7	23,4	19	27	32	350
18-20	3/4	● BA.47.12.16	● TBA4612K16	1" 1/16	1"	61,6	23,4	23,9	36	32	350
25	1"	● BA.47.16.12	● TBA4616K12	1" 5/16	3/4	59,6	25,5	19	32	38 2)	280
25	1"	● BA.47.16.16	● TBA4616K16	1" 5/16	1"	64,4	25,4	23,9	36	38 2)	280
30-32	1" 1/4	● BA.47.20.20	● TBA4620K20	1" 5/8	1" 1/4	69,6	29,1	24,6	46	50	210
38	1" 1/2	● BA.47.24.24	● TBA4624K24	1" 7/8	1" 1/2	75,7	31,1	26	50	60	210

1) AISI 316L CH = 12 2) AISI 316L CH1 = 41

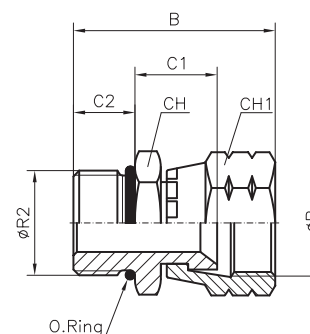
CORPO: ADATTATORE MASCHIO UNF-2A
CON DADO GIREVOLE JIC

CORPS: ADAPTATEUR MALE UNF-2A
ECROU PIVOTANT JIC

BODY: MALE STUD ADAPTOR UNF-2A
WITH ROTARY NUT JIC

KÖRPER: EINSCHRAUBADAPTER UNF-2A
MITDREHMUTTER JIC

CUERPO: ADAPTADOR MACHO UNF-2A
CON TUERCA LOCA



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC 37°	Ø R2 UNF	B	C1	C2	CH	CH1	PN
mm.	Poll. - Pouces Inch. - Zoll Pulgadas										
6	1/4	● BA.48.04.04	● TBA4804U07	7/16	7/16	32	14,2	9,1	14	17	350
8	5/16	● BA.48.05.05	● TBA4805U08	1/2	1/2	34,1	15,5	9,1	16 1)	19	350
10	3/8	● BA.48.06.06	● TBA4806U09	9/16	9/16	35,8	16,4	9,9	17	19	350
12	1/2	● BA.48.08.08	● TBA4808U12	3/4	3/4	40,2	18,5	11,1	22	24	350
14-15-16	5/8	● BA.48.10.10	● TBA4810U14	7/8	7/8	44,2	18,8	12,7	27	27	350
18-20	3/4	● BA.48.12.12	● TBA4812U17	1" 1/16	1" 1/16	49,6	20,3	15,1	32	32	350
25	1"	● BA.48.16.16	● TBA4816U21	1" 5/16	1" 5/16	52,2	22,1	15,1	38 2)	38 2)	280
30-32	1" 1/4	● BA.48.20.20	● TBA4820U26	1" 5/8	1" 5/8	58,1	27,2	15,1	50	50	210
38	1" 1/2	● BA.48.24.24	● TBA4824U30	1" 7/8	1" 7/8	66,9	33,2	15,1	55	60	210

1) AISI 316L CH = 17 2) AISI 316L CH/CH1 = 41



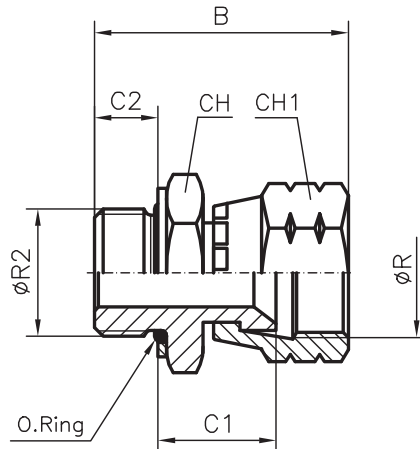
CORPO: ADATTATORE MASCHIO BSPP (GAS CILINDRICO)
CON DADO GIREVOLE JIC

CORPS: ADAPTATEUR MALE BSPP (GAZ CYLINDRIQUE)
ECROU PIVOTANT JIC

BODY: MALE STUD ADAPTOR BSPP (BSP PARALLEL)
WITH ROTARY NUT JIC

KÖRPER: EINSCHRAUBADAPTER BSPP
(BSP ZYLINDRISCH) MIT DREHMUTTER JIC

CUERPO: ADAPTADOR MACHO BSPP (GAS CILINDRICO)
CON TUERCA LOCA



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC 37°	Ø R2 BSPP	B	C1	C2	CH	CH1	PN
mm.	Poll. - Pouces Inch. - Zoll Pulgadas										
6	1/4	● BA.49.04.02	● TBA48N04R02	7/16	1/8	31,4	16,4	6,3	16 1)	17	350
6	1/4	● BA.49.04.04	● TBA48N04R04	7/16	1/4	34,6	16,4	9,5	19	17	350
6	1/4	● BA.49.04.06	● TBA48N04R06	7/16	3/8	34,6	16,4	9,5	22	17	350
8	5/16	● BA.49.05.02	● TBA48N05R02	1/2	1/8	33,6	17,8	6,3	16 1)	19	350
8	5/16	● BA.49.05.04	● TBA48N05R04	1/2	1/4	37,5	18,5	9,5	19	19	350
8	5/16	● BA.49.05.06	● TBA48N05R06	1/2	3/8	37,5	18,5	9,5	22	19	350
10	3/8	● BA.49.06.04	● TBA48N06R04	9/16	1/4	38	19	9,5	19	19	350
10	3/8	● BA.49.06.06	● TBA48N06R06	9/16	3/8	39	20	9,5	22	19	350
10	3/8	● BA.49.06.08	● TBA48N06R08	9/16	1/2	42,5	20	13	27	19	350
12	1/2	● BA.49.08.04	● TBA48N08R04	3/4	1/4	41,2	21	9,5	19	24	350
12	1/2	● BA.49.08.06	● TBA48N08R06	3/4	3/8	41,7	21,5	9,5	22	24	350
12	1/2	● BA.49.08.08	● TBA48N08R08	3/4	1/2	46,2	22,5	13	27	24	350
14-15-16	5/8	● BA.49.10.06	● TBA48N10R06	7/8	3/8	44,2	22	9,5	22	27	350
14-15-16	5/8	● BA.49.10.08	● TBA48N10R08	7/8	1/2	47,9	22,2	13	30	27	350
14-15-16	5/8	● BA.49.10.12	● TBA48N10R12	7/8	3/4	47,9	22,2	13	36	27	350
18-20	3/4	● BA.49.12.08	● TBA48N12R08	1" 1/16	1/2	50,3	23	13	30	32	350
18-20	3/4	● BA.49.12.12	● TBA48N12R12	1" 1/16	3/4	50,3	23	13	36	32	350
18-20	3/4	● BA.49.12.16	● TBA48N12R16	1" 1/16	1"	54	23,7	16	46	32	350
25	1"	● BA.49.16.12	● TBA48N16R12	1" 5/16	3/4	55,6	27,5	13	36	38 2)	280
25	1"	● BA.49.16.16	● TBA48N16R16	1" 5/16	1"	58,6	27,5	16	46	38 2)	280
25	1"	● BA.49.16.20	● TBA48N16R20	1" 5/16	1" 1/4	58,6	27,5	16	50	38 2)	280
30-32	1" 1/4	● BA.49.20.16	● TBA48N20R16	1" 5/8	1"	61,9	30	16	46	50	210
30-32	1" 1/4	● BA.49.20.20	● TBA48N20R20	1" 5/8	1" 1/4	64,9	33	16	50	50	175
38	1" 1/2	● BA.49.24.20	● TBA48N24R20	1" 7/8	1" 1/4	70,1	35,5	16	50	60	140
38	1" 1/2	● BA.49.24.24	● TBA48N24R24	1" 7/8	1" 1/2	70,1	35,5	16	55	60	140

1) AISI 316L CH = 17 2) AISI 316L CH1 = 41



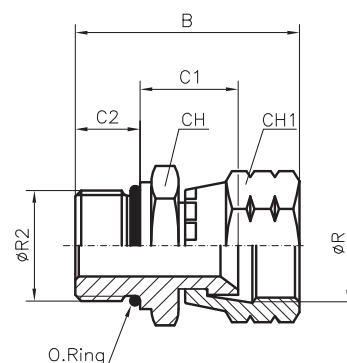
CORPO: ADATTATORE MASCHIO (METRICO CILINDRICO)
ISO 6149-3 CON DADO GIREVOLE JIC

CORPS: ADAPTATEUR MALE (CYLINDRIQUE METRIQUE)
ISO 6149-3 ECROU PIVOTANT JIC

BODY: MALE STUD ADAPTOR (METRIC PARALLEL)
ISO 6149-3 WITH ROTARY NUT JIC

KÖRPER: EINSCHRAUBADAPTER (METRISCH ZYLINDRISCH)
ISO 6149-3 MIT DREHMUTTER JIC

CUERPO: ADAPTADOR MACHO (METRICO CILINDRICO)
ISO 6149-3 CON TUERCA LOCA



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC 37°	Ø R2 Metrique Metric Metrisch	B	C1	C2	CH	CH1	PN
mm.	Poll. - Pouces Inch. - Zoll Pulgadas										
6	1/4	● BA.50.04.02	● TBA48N04M10	7/16	10x1	33,6	16,4	8,5	16 1)	17	350
8	5/16	● BA.50.05.03	● TBA48N05M12	1/2	12x1,5	37,7	17,2	11	19	19	350
10	3/8	● BA.50.06.04	● TBA48N06M14	9/16	14x1,5	38,5	18	11	19	19	350
12	1/2	● BA.50.08.05	● TBA48N08M16	3/4	16x1,5	43	20,8	11,5	22	24	350
12	1/2	● BA.50.08.06	● TBA48N08M18	3/4	18x1,5	44,6	21,4	12,5	24	24	350
14-15-16	5/8	● BA.50.10.06	● TBA48N10M18	7/8	18x1,5	46	20,8	12,5	24	27	350
14-15-16	5/8	● BA.50.10.08	● TBA48N10M22	7/8	22x1,5	46,5	20,8	13	27	27	350
18-20	3/4	● BA.50.12.08	● TBA48N12M22	1" 1/16	22x1,5	52,9	25,6	13	27	32	350
18-20	3/4	● BA.50.12.14	● TBA48N12M27	1" 1/16	27x2	54,2	23,9	16	36	32	350
25	1"	● BA.50.16.14	● TBA48N16M27	1" 5/16	27x2	56	24,9	16	36	38 2)	280
25	1"	● BA.50.16.16	● TBA48N16M33	1" 5/16	33x2	56,3	25,2	16	41	38 2)	280
30-32	1" 1/4	● BA.50.20.20	● TBA48N20M42	1" 5/8	42x2	62,6	30,7	16	50	50	210
38	1" 1/2	● BA.50.24.24	● TBA48N24M48	1" 7/8	48x2	72	35,9	17,5	55	60	140

1) AISI 316L CH = 17 2) AISI 316L CH1 = 41

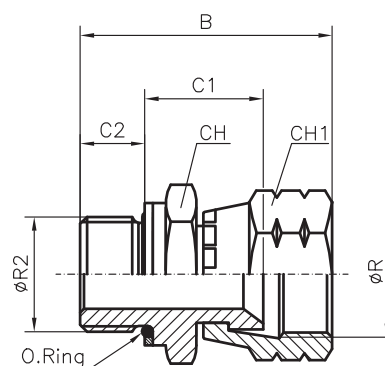
CORPO: ADATTATORE MASCHIO (METRICO CILINDRICO)
RONDELLA TENUTA O-RING CON DADO GIREVOLE JIC

CORPS: ADAPTATEUR MALE (CYLINDRIQUE METRIQUE)
RONDELLE D'ETANCHEITE O-RING ECROU PIVOTANT JIC

BODY: MALE STUD ADAPTOR (METRIC PARALLEL)
O-RING SEAL RING WITH ROTARY NUT JIC

KÖRPER: EINSCHRAUBADAPTER (METRISCH ZYLINDRISCH)
BEWEGLICHE UNTERLEGSCHEIBE F.O-RING MIT
DREHMUTTER JIC

CUERPO: ADAPTADOR MACHO (METRICO CILINDRICO)
ARANDELA DE RETENCION JUNTA TONICA
CON TUERCA LOCA



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC 37°	Ø R2 Metrique Metric Metrisch	B	C1	C2	CH	CH1	PN
mm.	Poll. - Pouces Inch. - Zoll Pulgadas										
6	1/4	● BA.50.04.02 W	● TBA48N04M10W	7/16	10x1	33,6	17,4	7,5	16 1)	17	350
8	5/16	● BA.50.05.03 W	● TBA48N05M12W	1/2	12x1,5	37,7	18,7	9,5	19	19	350
10	3/8	● BA.50.06.04 W	● TBA48N06M14W	9/16	14x1,5	38,5	19,5	9,5	19	19	350
12	1/2	● BA.50.08.05 W	● TBA48N08M16W	3/4	16x1,5	43	22,3	10	22	24	350
12	1/2	● BA.50.08.06 W	● TBA48N08M18W	3/4	18x1,5	44,6	22,9	11	24	24	350
14-15-16	5/8	● BA.50.10.06 W	● TBA48N10M18W	7/8	18x1,5	46	22,3	11	24	27	350
14-15-16	5/8	● BA.50.10.08 W	● TBA48N10M22W	7/8	22x1,5	46,5	22,3	11,5	27	27	350
18-20	3/4	● BA.50.12.08 W	● TBA48N12M22W	1" 1/16	22x1,5	52,9	27,1	11,5	27	32	350
18-20	3/4	● BA.50.12.14 W	● TBA48N12M27W	1" 1/16	27x2	54,2	25,9	14	36	32	350
25	1"	● BA.50.16.14 W	● TBA48N16M27W	1" 5/16	27x2	56	26,9	14	36	38 2)	250
25	1"	● BA.50.16.16 W	● TBA48N16M33W	1" 5/16	33x2	56,3	27,2	14	41	38 2)	250
30-32	1" 1/4	● BA.50.20.20 W	● TBA48N20M42W	1" 5/8	42x2	62,6	32,7	14	50	50	210
38	1" 1/2	● BA.50.24.24 W	● TBA48N24M48W	1" 7/8	48x2	72	37,9	15,5	55	60	140

1) AISI 316L CH = 17 2) AISI 316L CH1 = 41



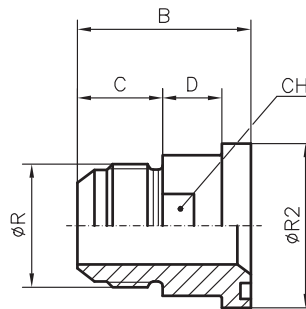
ADATTATORE FLANGIA - 3000 PSI

ADAPTATEUR BRIDE - 3000 PSI

FLANGE ADAPTOR - 3000 PSI

FLANSCHADAPTER - 3000 PSI

ADAPTADORA BRIDA - 3000 PSI



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC 37°	Ø R2	B	C	D	CH	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas									
12	1/2	BA.51.08.08	TBA5108F08	3/4	30,2	37,6	16,7	14,3	21	350
18	3/4	BA.51.12.12	TBA5112F12	1" 1/16	38,1	44,6	21,9	16,1	27	350
20	3/4	BA.51.12.12	TBA5112F12	1" 1/16	38,1	44,6	21,9	16,1	27	350
25	1"	BA.51.16.16	TBA5116F16	1" 5/16	44,5	47	23,1	16	34	280
25	1"	BA.51.20.16	TBA5116F16	1" 5/16	50,8	49	23,1	18	36	280
30	1" 1/4	BA.51.20.20	TBA5116F20	1" 5/8	50,8	50	24,3	17,8	38	210
32	1" 1/4	BA.51.20.20	TBA5120F20	1" 5/8	50,8	50	24,3	17,8	38	210
38	1" 1/2	BA.51.24.24	TBA5124F24	1" 7/8	60,3	53,5	27,5	18,1	45	140

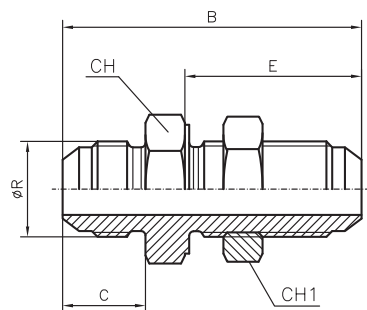
CORPO: UNIONE PASSAPARATIA DIRITTA

CORPS: UNION TRAVERSEE DROITE

BODY: BULKHEAD CONNECTION

KÖRPER: GERADE SCHOTTVERSCHRAUBUNG

CUERPO: UNION PASATABIQUE RECTO



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC 37°	B	C	CH	CH1	E	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas									
6	1/4	● BA.53.00.04	● TBA530404	7/16	52,6	14	17	17	31,5	350
8	5/16	● BA.53.00.05	● TBA530505	1/2	52,6	14	19	19	31,5	350
10	3/8	● BA.53.00.06	● TBA530606	9/16	55,4	14,1	22	22	33,5	350
12	1/2	● BA.53.00.08	● TBA530808	3/4	62	16,7	24	24	37,6	350
14	-	● BA.53.00.10	● TBA531010	7/8	69,6	19,3	30	30	41,1	350
15	-	● BA.53.00.10	● TBA531010	7/8	69,6	19,3	30	30	41,1	350
16	5/8	● BA.53.00.10	● TBA531010	7/8	69,6	19,3	30	30	41,1	350
18	-	● BA.53.00.12	● TBA531212	1" 1/16	78,5	21,9	36	36	45,4	350
20	3/4	● BA.53.00.12	● TBA531212	1" 1/16	78,5	21,9	36	36	45,4	350
25	1"	● BA.53.00.16	● TBA531616	1" 5/16	79,8	23,1	41	41	45,4	280
30	-	● BA.53.00.20	● TBA532020	1" 5/8	84,1	24,3	50	50	46,7	210
32	1" 1/4	● BA.53.00.20	● TBA532020	1" 5/8	84,1	24,3	50	50	46,7	210
38	1" 1/2	● BA.53.00.24	● TBA532424	1" 7/8	89,4	27,5	55	55	47	140

SPESSORE MASSIMO DELLA PARATIA = 9,5 mm.
EPAISSEUR MAX. DE LA CLOISON = 9,5 mm.

MAXIMUM BULKHEAD
THICKNESS = 9,5 mm. MAXIMALE
SCHOTTWANDDICKE = 9,5 mm.
ESPESOR MAXIMO DE PARED = 9,5
mm.



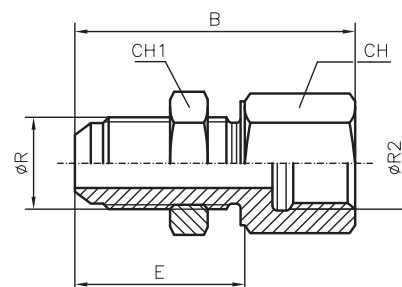
CORPO: UNIONE PASSAPARATIA MASCHIO-FEMMINA BSPP
(GAS CLINDRICO)

CORPS: UNION TRAVERSEE MALE-FEMELLE BSPP
(GAZ CYLINDRIQUE)

BODY: BULKHEAD CONNECTION MALE-FEMALE BSPP
(BSP PARALLEL)

KÖRPER: EIN-AUFSCHRAUB GERADE SCHOTTVERSCHRAUBUNG
BSPP (BSP ZYLINDRISCH)

CUERPO: UNION PASATABIQUE MACHO-HEMBRA BSPP
(GAS CILINDRICO)



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC 37°	Ø R2 BSPP	B	CH	CH1	E	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas									
12	1/2	● BA.55.08.06	● TBA5508R06	3/4	3/8	59,6	24	24	37,6	350
14	-	● BA.55.10.08	● TBA5510R08	7/8	1/2	67,8	30	30	41,1	350
15	-	● BA.55.10.08	● TBA5510R08	7/8	1/2	67,8	30	30	41,1	350
16	5/8	● BA.55.10.08	● TBA5510R08	7/8	1/2	67,8	30	30	41,1	350

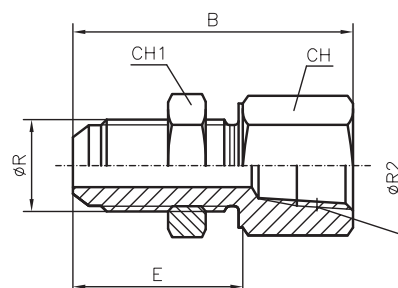
CORPO: UNIONE PASSAPARATIA MASCHIO-FEMMINA NPT
UNION TRAVERSÉE

CORPS: MALE-FEMELLE NPT

BODY: BULKHEAD CONNECTION MALE-FEMALE NPT

KÖRPER: EIN-AUFSCHRAUB GERADE
SCHOTTVERSCHRAUBUNG NPT

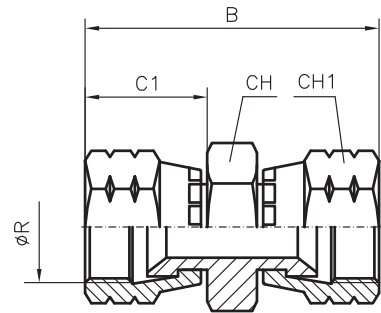
CUERPO: UNION PASATABIQUE MACHO-HEMBRA NPT



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC 37°	Ø R2 NPT	B	CH	CH1	E	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas									
6	1/4	● BA.56.04.02	● TBA5604N02	7/16	1/8	46,7	17	17	31,5	350
6	1/4	● BA.56.04.04	● TBA5604N04	7/16	1/4	50,3	19	17	31,5	350
10	3/8	● BA.56.06.04	● TBA5606N04	9/16	1/4	52,3	22	22	33,5	350
12	1/2	● BA.56.08.06	● TBA5608N06	3/4	3/8	59,4	24	24	37,6	350
14	-	● BA.56.10.08	● TBA5610N08	7/8	1/2	67,6	30	30	41,1	350
15	-	● BA.56.10.08	● TBA5610N08	7/8	1/2	67,6	30	30	41,1	350
16	5/8	● BA.56.10.08	● TBA5610N08	7/8	1/2	67,6	30	30	41,1	350
18	-	● BA.56.12.12	● TBA5612N12	1" 1/16	3/4	73,9	36	36	45,4	350
20	3/4	● BA.56.12.12	● TBA5612N12	1" 1/16	3/4	73,9	36	36	45,4	350
25	1"	● BA.56.16.16	● TBA5616N16	1" 5/16	1"	78,5	41	41	45,4	250



CORPO: ADATTATORE FEMMINA
CORPS: ADAPTATEUR FEMELLE
BODY: FEMALE ADAPTOR
KÖRPER: AUFSCHRAUBADAPTER
CUERPO: ADAPTADOR HEMBRA



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC 37°	B	C1	CH	CH1	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas								
12	1/2	● BA.57.00.08	● TBA570808	3/4	54,5	24	22	24	350
14-15-16	5/8	● BA.57.00.10	● TBA571010	7/8	59,5	26	27	27	350
18-20	3/4	● BA.57.00.12	● TBA571212	1" 1/16	67,5	28	32	32	350

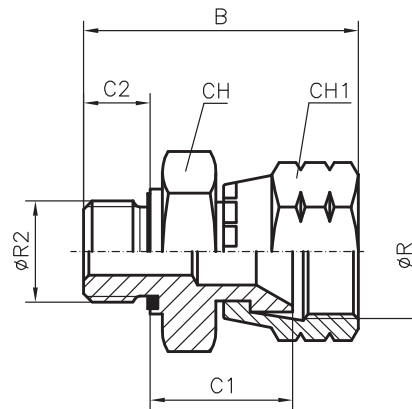
CORPO: ADATTATORE MASCHIO BSPP
(GAS CILINDRICO) CON DADO GIREVOLE JIC
GG-GUARNIZIONE GOMMA - FORMA E DIN 3852

CORPS: ADAPTATEUR MALE BSPP
(GAZ CYLINDRIQUE) ECROU PIVOTANT JIC
GG-JOINT EN CAOUTCHOUC - FORME E DIN 3852

BODY: MALE STUD ADAPTOR BSPP
(BSP PARALLEL) WITH ROTARY NUT JIC
GG-RUBBER SEAL - TYPE E DIN 3852

KÖRPER: EINSCHRAUBADAPTER BSPP
(BSP ZYLINDRISCH) MIT DREHMUTTER JIC
GG-GUMMIDICHTUNG - FORM E DIN 3852

CUERPO: ADAPTADOR MACHO BSPP
(GAS CILINDRICO) CON TUERCA LOCA
GG-JUNTA DE GOMA - FORMA E DIN 3852



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC 37°	Ø R2 BSPP	B	C1	C2	CH	CH1	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas										
6	1/4	● BA.58.04.02	● TBA58G04R02	7/16	1/8	32,9	16,2	8	14	17	350
6	1/4	● BA.58.04.04	● TBA58G04R04	7/16	1/4	37,1	16,4	12	19	17	350
8	5/16	● BA.58.05.02	● TBA58G05R02	1/2	1/8	35,5	18	8	14	19	350
8	5/16	● BA.58.05.04	● TBA58G05R04	1/2	1/4	40	18,5	12	19	19	350
10	3/8	● BA.58.06.04	● TBA58G06R04	9/16	1/4	40,5	19	12	19	19	350
10	3/8	● BA.58.06.06	● TBA58G06R06	9/16	3/8	42	20,5	12	22	19	350
12	1/2	● BA.58.08.04	● TBA58G08R04	3/4	1/4	44,2	21,5	12	19	24	350
12	1/2	● BA.58.08.06	● TBA58G08R06	3/4	3/8	44,7	22	12	22	24	350
14-15-16	5/8	● BA.58.10.06	● TBA58G10R06	7/8	3/8	47,4	22,7	12	24	27	350
14-15-16	5/8	● BA.58.10.08	● TBA58G10R08	7/8	1/2	49,9	23,2	14	27	27	350
18-20	3/4	● BA.58.12.08	● TBA58G12R08	1" 1/16	1/2	52,3	24	14	27	32	350
18-20	3/4	● BA.58.12.12	● TBA58G12R12	1" 1/16	3/4	54,3	24	16	32	32	350
25	1"	● BA.58.16.12	● TBA58G16R12	1" 5/16	3/4	59,6	28,5	16	32	38 1)	280
25	1"	● BA.58.16.16	● TBA58G16R16	1" 5/16	1"	61,6	28,5	18	41	38 1)	280
30-32	1" 1/4	● BA.58.20.16	● TBA58G20R16	1" 5/8	1"	67,4	33,5	18	41	50	210
30-32	1" 1/4	● BA.58.20.20	● TBA58G20R20	1" 5/8	1" 1/4	69,4	33,5	20	50	50	210
38	1" 1/2	● BA.58.24.20	● TBA58G24R20	1" 7/8	1" 1/4	74,6	36	20	50	60	140
38	1" 1/2	● BA.58.24.24	● TBA58G24R24	1" 7/8	1" 1/2	76,6	36	22	55	60	140

1) AISI 316L CH1 = 41



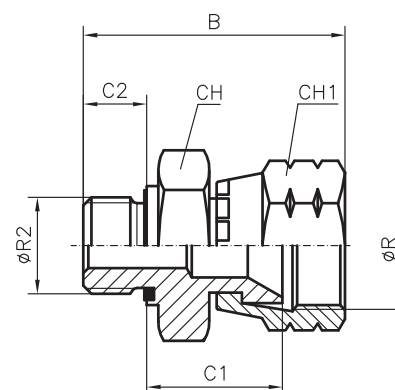
CORPO: ADATTATORE MASCHIO
METRICO CILINDRICO CON DADO GIREVOLE JIC
GG-GUARNIZIONE GOMMA - FORMA E DIN 3852

CORPS: ADAPTATEUR MALE
METRIQUE CYLINDRIQUE ECROU PIVOTANT JIC
GG-JOINT EN CAOUTCHOUC - FORME E DIN 3852

BODY: MALE STUD ADAPTOR
METRIC PARALLEL WITH ROTARY NUT JIC
GG-RUBBER SEAL - TYPE E DIN 3852

KÖRPER: EINSCHRAUBADAPTER
METRISCH ZYLINDRISCH MIT DREHMUTTER JIC
GG-GUMMIDICHTUNG - FORM E DIN 3852

CUERPO: ADAPTADOR MACHO
METRICO CILINDRICO CON TUERCA LOCA
GG-JUNTA DE GOMA - FORMA E DIN 3852



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC 37°	Ø R2 Metric Metrique Metric Metrisch	B	C1	C2	CH	CH1	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas										
6	1/4	● BA.61.04.02	● TBA58G04M10	7/16	10x1	32,1	15,4	8	14	17	350
8	5/16	● BA.61.05.03	● TBA58G05M12	1/2	12x1,5	38,2	16,7	12	17	19	350
10	3/8	● BA.61.06.04	● TBA58G06M14	9/16	14x1,5	39	17,5	12	19	19	350
12	1/2	● BA.61.08.05	● TBA58G08M16	3/4	16x1,5	43	20,3	12	22	24	350
12	1/2	● BA.61.08.06	● TBA58G08M18	3/4	18x1,5	43,6	20,9	12	24	24	350
14-15-16	5/8	● BA.61.10.06	● TBA58G10M18	7/8	18x1,5	45,6	20,9	12	24	27	350
14-15-16	5/8	● BA.61.10.08	● TBA58G10M22	7/8	22x1,5	48	21,3	14	27	27	350
18-20	3/4	● BA.61.12.08	● TBA58G12M22	1" 1/16	22x1,5	54,4	26,1	14	27	32	350
18-20	3/4	● BA.61.12.14	● TBA58G12M27	1" 1/16	27x2	56,7	26,4	16	32	32	350
25	1"	● BA.61.16.16	● TBA58G16M33	1" 5/16	33x2	59,5	26,4	18	41	38 1)	280
30-32	1" 1/4	● BA.61.20.20	● TBA58G20M42	1" 5/8	42x2	66,6	30,7	20	50	50	210

1) AISI 316L CH 1 = 41

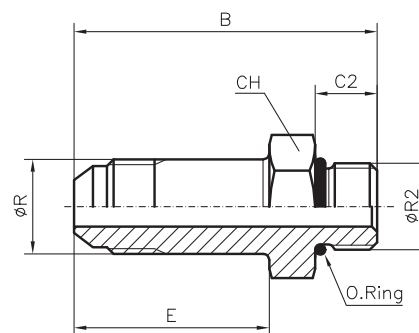
CORPO: TERMINALE DIRITTO MASCHIO
UNF - LUNGO

CORPS: TERMINAL DROIT MALE
UNF - LONG

BODY: STRAIGHT THREAD
CONNECTOR LONG - UNF

KÖRPER: FINSCHRAUBVERSCHRAUBUNG UNF
MIT LANGEM SCHAFT

CUERPO: ADAPTADOR RECTO MACHO
UNF - PROLONGACIÓN

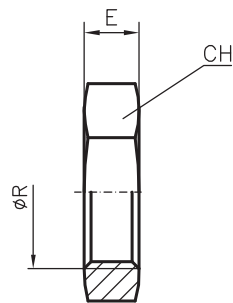


Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC 37°	Ø R2 UNF	B	C2	E	CH	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas									
6	1/4	● BA.62.04.04	● TBA6204U07	7/16	7/16	52,8	9,1	35,3	14	350
10	3/8	● BA.62.06.06	● TBA6206U09	9/16	9/16	58,7	9,9	39,6	17	350
12	1/2	● BA.62.08.08	● TBA6208U12	3/4	3/4	68,6	11,1	47,8	22	350
14	-	● BA.62.10.10	● TBA6210U14	7/8	7/8	77,2	12,7	53,1	27	350
15	-	● BA.62.10.10	● TBA6210U14	7/8	7/8	77,2	12,7	53,1	27	350
16	5/8	● BA.62.10.10	● TBA6210U14	7/8	7/8	77,2	12,7	53,1	27	350
18	-	● BA.62.12.12	● TBA6212U17	1" 1/16	1" 1/16	91,7	15,1	63,5	32	350
20	3/4	● BA.62.12.12	● TBA6212U17	1" 1/16	1" 1/16	91,7	15,1	63,5	32	350
25	1"	● BA.62.16.16	● TBA6216U21	1" 5/16	1" 5/16	101	15,1	72,1	38 1)	280
30	-	● BA.62.20.20	● TBA6220U26	1" 5/8	1" 5/8	119,1	15,1	88,1	50	210
32	1" 1/4	● BA.62.20.20	● TBA6220U26	1" 5/8	1" 5/8	119,1	15,1	88,1	50	210

1) AISI 316L CH = 41

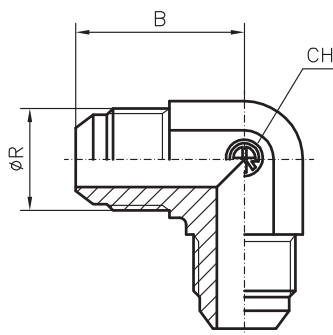


CONTRODADO
CONTRE-ECROU
BULKHEAD NUT
GEGENMUTTERN
CONTRATUERCA



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF	E	CH	
mm.	Poll.- Pouces Inch.- Zoll Pulgadas						
6	1/4	● BA.99.00.04	● TBA9904	7/16	6,4	17	
8	5/16	● BA.99.00.05	● TBA9905	1/2	6,4	19	
10	3/8	● BA.99.00.06	● TBA9906	9/16	6,9	22	
12	1/2	● BA.99.00.08	● TBA9908	3/4	7,9	24	
14-15-16	5/8	● BA.99.00.10	● TBA9910	7/8	9,1	30	
18-20	3/4	● BA.99.00.12	● TBA9912	1" 1/16	10,4	36	
25	1"	● BA.99.00.16	● TBA9916	1" 5/16	10,4	41	
30-32	1" 1/4	● BA.99.00.20	● TBA9920	1" 5/8	10,4	50	
38	1" 1/2	● BA.99.00.24	● TBA9924	1" 7/8	10,4	55	

CORPO: UNIONE GOMITO 90°
CORPS: UNION COUDE 90°
BODY: ELBOW COUPLING 90°
KÖRPER: WINKELVERSCHRAUBUNG 90°
CUERPO: UNION CODO 90°



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC 37°	B	CH	PN	
mm.	Poll.- Pouces Inch.- Zoll Pulgadas							
6	1/4	● ST. 01.00.04	● TST010404	7/16	22,6	11 1)	350	
8	5/16	● ST. 01.00.05	● TST010505	1/2	24,1	13 2)	350	
10	3/8	● ST. 01.00.06	● TST010606	9/16	26,9	14	350	
12	1/2	● ST. 01.00.08	● TST010808	3/4	31,8	19	350	
14	-	● ST. 01.00.10	● TST011010	7/8	36,8	22	350	
15	-	● ST. 01.00.10	● TST011010	7/8	36,8	22	350	
16	5/8	● ST. 01.00.10	● TST011010	7/8	36,8	22	350	
18	-	● ST. 01.00.12	● TST011212	1" 1/16	42,2	27	350	
20	3/4	● ST. 01.00.12	● TST011212	1" 1/16	42,2	27	350	
25	1"	● ST. 01.00.16	● TST011616	1" 5/16	46	33	280	
30	-	● ST. 01.00.20	● TST012020	1" 5/8	52,3	41	210	
32	1" 1/4	● ST. 01.00.20	● TST012020	1" 5/8	52,3	41	210	
38	1" 1/2	● ST. 01.00.24	● TST012424	1" 7/8	59,2	48	140	

1) - 2) AISI 316L CH = 14 B = 26,9



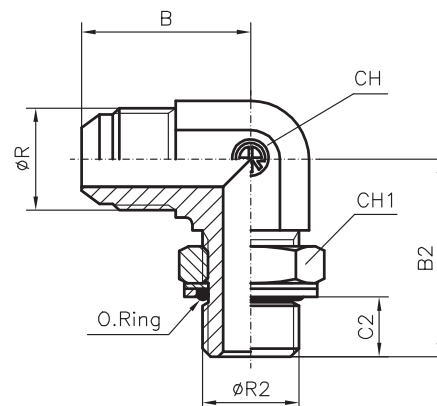
CORPO: GOMITO MASCHIO 90° BSPP
(GAS CILINDRICO)

CORPS: COUDE MALE 90° BSPP
(GAZ CYLINDRIQUE)

BODY: ELBOW MALE COUPLING 90° BSPP
(BSP PARALLEL)

KÖRPER: WINKELEINSCHRAUBVERSCHRAUBUNG 90° BSPP
(BSP ZYLINDRISCH)

CUERPO: CODO MACHO 90° BSPP
(GAS CILINDRICO)

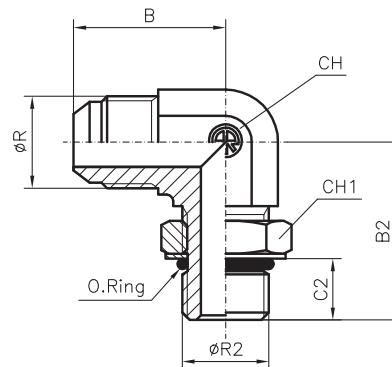


Ø TUBO-TUBE-ROHR		Articolo Article Item	Codice Reference Code	Ø R-UNF JIC 37°	Ø R2 BSPP	B	B2	C2	CH	CH1	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas	Artikelnummer Artículo	Code Best-nr Código								
6	1/4	● ST. 05.04.02	● TST0504R02	7/16	1/8	22,6	26	6,3	11 1)	14	350
6	1/4	● ST. 05.04.04	● TST0504R04	7/16	1/4	26,9	32	9,5	14	19	350
6	1/4	● ST. 05.04.06	● TST0504R06	7/16	3/8	26,9	37	9,5	19	22	350
6	1/4	● ST. 05.04.08	● TST0504R08	7/16	1/2	26,9	43	13	22	27	350
8	5/16	● ST. 05.05.02	● TST0505R02	1/2	1/8	24,1	27	6,3	13 2)	14	350
8	5/16	● ST. 05.05.04	● TST0505R04	1/2	1/4	26,9	32	9,5	14	19	350
8	5/16	● ST. 05.05.06	● TST0505R06	1/2	3/8	29	37	9,5	19	22	350
10	3/8	● ST. 05.06.04	● TST0506R04	9/16	1/4	26,9	32	9,5	14	19	350
10	3/8	● ST. 05.06.06	● TST0506R06	9/16	3/8	29	37	9,5	19	22	350
10	3/8	● ST. 05.06.08	● TST0506R08	9/16	1/2	31,1	43	13	22	27	350
12	1/2	● ST. 05.08.04	● TST0508R04	3/4	1/4	31,8	37	9,5	19	19	350
12	1/2	● ST. 05.08.06	● TST0508R06	3/4	3/8	31,8	37	9,5	19	22	350
12	1/2	● ST. 05.08.08	● TST0508R08	3/4	1/2	33,7	43	13	22	27	350
12	1/2	● ST. 05.08.12	● TST0508R12	3/4	3/4	33,7	49,5	13	27	36	350
14	-	● ST. 05.10.06	● TST0510R06	7/8	3/8	36,8	43	9,5	22	22	350
15	-	● ST. 05.10.06	● TST0510R06	7/8	3/8	36,8	43	9,5	22	22	350
16	5/8	● ST. 05.10.06	● TST0510R06	7/8	3/8	36,8	43	9,5	22	22	350
14	-	● ST. 05.10.08	● TST0510R08	7/8	1/2	36,8	43	13	22	27	250
15	-	● ST. 05.10.08	● TST0510R08	7/8	1/2	36,8	43	13	22	27	350
16	5/8	● ST. 05.10.08	● TST0510R08	7/8	1/2	36,8	43	13	22	27	350
14	-	● ST. 05.10.12	● TST0510R12	7/8	3/4	38,9	49,5	13	27	36	250
15	-	● ST. 05.10.12	● TST0510R12	7/8	3/4	38,9	49,5	13	27	36	250
16	5/8	● ST. 05.10.12	● TST0510R12	7/8	3/4	38,9	49,5	13	27	36	250
18	-	● ST. 05.12.08	● TST0512R08	1" 1/16	1/2	42,2	49,5	13	27	27	350
20	3/4	● ST. 05.12.08	● TST0512R08	1" 1/16	1/2	42,2	49,5	13	27	27	350
18	-	● ST. 05.12.12	● TST0512R12	1" 1/16	3/4	42,2	49,5	13	27	36	250
20	3/4	● ST. 05.12.12	● TST0512R12	1" 1/16	3/4	42,2	49,5	13	27	36	250
18	-	● ST. 05.12.16	● TST0512R16	1" 1/16	1"	44,8	52	16	33	41	250
20	3/4	● ST. 05.12.16	● TST0512R16	1" 1/16	1"	44,8	52	16	33	41	250
25	1"	● ST. 05.16.12	● TST0516R12	1" 5/16	3/4	46	52	16	33	36	250
25	1"	● ST. 05.16.16	● TST0516R16	1" 5/16	1"	46	52	16	33	41	250
25	1"	● ST. 05.16.20	● TST0516R20	1" 5/16	1" 1/4	51	57	16	41	50	175
30	-	● ST. 05.20.16	● TST0520R16	1" 5/8	1"	52,3	57	16	41	41	210
32	1" 1/4	● ST. 05.20.16	● TST0520R16	1" 5/8	1"	52,3	57	16	41	41	210
30	-	● ST. 05.20.20	● TST0520R20	1" 5/8	1" 1/4	52,3	57	16	41	50	175
32	1" 1/4	● ST. 05.20.20	● TST0520R20	1" 5/8	1" 1/4	52,3	57	16	41	50	175
38	1" 1/2	● ST. 05.24.20	● TST0524R20	1" 7/8	1" 1/4	59,2	60,5	16	48	50	140
38	1" 1/2	● ST. 05.24.24	● TST0524R24	1" 7/8	1" 1/2	59,2	60,5	16	48	55	140

1) - 2) Al31 316L CH = 14 B = 26,9 B2 = 28,5



CORPO: GOMITO MASCHIO 90° UNF 2A
CORPS: COUDE MALE 90° UNF 2A
BODY: ELBOW MALE COUPLING 90° UNF 2A
KÖRPER: WINKELEINSCHRAUBVERSCHRAUBUNG 90° UNF 2A
CUERPO: CODO MACHO 90° UNF 2A



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC 37°	Ø R2 UNF	B	B2	C2	CH	CH1	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas										
6	1/4	● ST. 06.04.04	● TST0504U07	7/16	7/16	22,6	26,2	9	11 1)	14	350
6	1/4	● ST. 06.04.06	● TST0504U09	7/16	9/16	26,9	31,8	10	14	17	350
8	5/16	● ST. 06.05.05	● TST0505U08	1/2	1/2	24,1	27,7	9	13 2)	16 3)	350
8	5/16	● ST. 06.05.06	● TST0505U09	1/2	9/16	26,9	31,8	10	14	17	350
10	3/8	● ST. 06.06.04	● TST0506U07	9/16	7/16	26,9	30,8	9	14	14	350
10	3/8	● ST. 06.06.05	● TST0506U08	9/16	1/2	26,9	30,8	9	14	16 3)	350
10	3/8	● ST. 06.06.06	● TST0506U09	9/16	9/16	26,9	31,8	10	14	17	350
10	3/8	● ST. 06.06.08	● TST0506U12	9/16	3/4	29	36,8	11	19	22	350
10	3/8	● ST. 06.06.10	● TST0506U14	9/16	7/8	31	43,2	12,7	22	27	350
12	1/2	● ST. 06.08.06	● TST0508U09	3/4	9/16	31,8	33,5	10	19	17	350
12	1/2	● ST. 06.08.08	● TST0508U12	3/4	3/4	31,8	36,8	11	19	22	350
12	1/2	● ST. 06.08.10	● TST0508U14	3/4	7/8	34	43,2	12,7	22	27	350
12	1/2	● ST. 06.08.12	● TST0508U17	3/4	1" 1/16	36,8	49,3	15	27	32	350
14	-	● ST. 06.10.08	● TST0510U12	7/8	3/4	36,8	39,1	11	22	22	350
15	-	● ST. 06.10.08	● TST0510U12	7/8	3/4	36,8	39,1	11	22	22	250
16	5/8	● ST. 06.10.08	● TST0510U12	7/8	3/4	36,8	39,1	11	22	22	350
14	-	● ST. 06.10.10	● TST0510U14	7/8	7/8	36,8	43,2	12,7	22	27	350
15	-	● ST. 06.10.10	● TST0510U14	7/8	7/8	36,8	43,2	12,7	22	27	350
16	5/8	● ST. 06.10.10	● TST0510U14	7/8	7/8	36,8	43,2	12,7	22	27	350
14	-	● ST. 06.10.12	● TST0510U17	7/8	1" 1/16	39,2	49,3	15	27	32	350
15	-	● ST. 06.10.12	● TST0510U17	7/8	1" 1/16	39,2	49,3	15	27	32	350
16	5/8	● ST. 06.10.12	● TST0510U17	7/8	1" 1/16	39,2	49,3	15	27	32	350
18	-	● ST. 06.12.08	● TST0512U12	1" 1/16	3/4	42,2	41,2	11	27	22	350
20	3/4	● ST. 06.12.08	● TST0512U12	1" 1/16	3/4	42,2	41,2	11	27	22	350
18	-	● ST. 06.12.10	● TST0512U14	1" 1/16	7/8	42,2	45,2	12,7	27	27	350
20	3/4	● ST. 06.12.10	● TST0512U14	1" 1/16	7/8	42,2	45,2	12,7	27	27	350
18	-	● ST. 06.12.12	● TST0512U17	1" 1/16	1" 1/16	42,2	49,3	15	27	32	350
20	3/4	● ST. 06.12.12	● TST0512U17	1" 1/16	1" 1/16	42,2	49,3	15	27	32	350
18	-	● ST. 06.12.16	● TST0512U21	1" 1/16	1" 5/16	44,7	52,1	15	33	38 4)	350
20	3/4	● ST. 06.12.16	● TST0512U21	1" 1/16	1" 5/16	44,7	52,1	15	33	38 4)	350
25	1"	● ST. 06.16.12	● TST0516U17	1" 5/16	1" 1/16	46	52,1	15	33	32	280
25	1"	● ST. 06.16.16	● TST0516U21	1" 5/16	1" 5/16	46	52,1	15	33	38 4)	280
25	1"	● ST. 06.16.20	● TST0516U26	1" 5/16	1" 5/8	52,3	57,2	15	41	50	210
30	-	● ST. 06.20.20	● TST0520U26	1" 5/8	1" 5/8	52,3	57,2	15	41	50	210
32	1" 1/4	● ST. 06.20.20	● TST0520U26	1" 5/8	1" 5/8	52,3	57,2	15	41	50	210
38	1" 1/2	● ST. 06.24.24	● TST0524U30	1" 7/8	1" 7/8	59,2	60,7	15	48	55	140

1) - 2) AISI 316L CH = 14 B = 26,9 B2 = 30,8
3) AISI 316L CH 1 = 17 4) AISI 316L CH 1 = 41



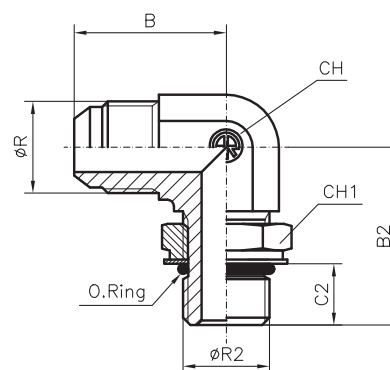
CORPO: GOMITO MASCHIO 90°
METRICO ISO 6149-3

CORPS: COUDE MALE 90° METRIQUE
ISO 6149-3

BODY: ELBOW MALE COUPLING 90°
METRIC ISO 6149-3

KÖRPER: WINKELEINSCHRAUBVERSCHRAUBUNG 90°
METRISCH ISO 6149-3

CUERPO: CODO MACHO 90°
METRICO ISO 6149-3



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC 37°	Ø R2 Metrico Metrique Metric Metrisch	B	B2	C2	CH	CH1	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas										
6	1/4	● ST. 07.04.02	● TST0504M10	7/16	10x1	22,6	27	8,5	11 1)	14	350
6	1/4	● ST. 07.04.03	● TST0504M12	7/16	12x1,5	24,1	29	11	14	17	350
8	5/16	● ST. 07.05.02	● TST0505M10	1/2	10x1	26,9	27,5	8,5	14	14	350
8	5/16	● ST. 07.05.03	● TST0505M12	1/2	12x1,5	24,1	29	11	13 2)	17	350
8	5/16	● ST. 07.05.04	● TST0505M14	1/2	14x1,5	26,9	32	11	14	19	350
10	3/8	● ST. 07.06.04	● TST0506M14	9/16	14x1,5	26,9	34	11	14	19	350
10	3/8	● ST. 07.06.05	● TST0506M16	9/16	16x1,5	29	36	11,5	19	22	350
12	1/2	● ST. 07.08.05	● TST0508M16	3/4	16x1,5	31,8	36	11,5	19	22	350
12	1/2	● ST. 07.08.06	● TST0508M18	3/4	18x1,5	31,8	38	12,5	19	24	350
14	-	● ST. 07.10.06	● TST0510M18	7/8	18x1,5	36,8	41,5	12,5	22	24	350
15	-	● ST. 07.10.06	● TST0510M18	7/8	18x1,5	36,8	41,5	12,5	22	24	350
16	5/8	● ST. 07.10.06	● TST0510M18	7/8	18x1,5	36,8	41,5	12,5	22	24	350
14	-	● ST. 07.10.07	● TST0510M20	7/8	20x1,5	36,8	42,5	12,5	22	27	350
15	-	● ST. 07.10.07	● TST0510M20	7/8	20x1,5	36,8	42,5	12,5	22	27	350
16	5/8	● ST. 07.10.07	● TST0510M20	7/8	20x1,5	36,8	42,5	12,5	22	27	350
14	-	● ST. 07.10.08	● TST0510M22	7/8	22x1,5	36,8	42,5	12,5	22	27	350
15	-	● ST. 07.10.08	● TST0510M22	7/8	22x1,5	36,8	42,5	12,5	22	27	350
16	5/8	● ST. 07.10.08	● TST0510M22	7/8	22x1,5	36,8	42,5	12,5	22	27	350
18	-	● ST. 07.12.08	● TST0512M22	1" 1/16	22x1,5	42,2	45	12,5	27	27	350
20	3/4	● ST. 07.12.08	● TST0512M22	1" 1/16	22x1,5	42,2	45	12,5	27	27	350
18	-	● ST. 07.12.14	● TST0512M27	1" 1/16	27x2	42,2	51	15,5	27	32	350
20	3/4	● ST. 07.12.14	● TST0512M27	1" 1/16	27x2	42,2	51	15,5	27	32	350
25	1"	● ST. 07.16.14	● TST0516M27	1" 5/16	27x2	46	53	15,5	33	32	280
25	1"	● ST. 07.16.16	● TST0516M33	1" 5/16	33x2	46	53	15,5	33	41	280
30	-	● ST. 07.20.20	● TST0520M42	1" 5/8	42x2	52,3	58	15,5	41	50	210
32	1" 1/4	● ST. 07.20.20	● TST0520M42	1" 5/8	42x2	52,3	58	15,5	41	50	210
38	1" 1/2	● ST. 07.24.24	● TST0524M48	1" 7/8	48x2	59,2	63,5	17	48	55	140

1) - 2) AISI 316L CH = 14 B = 26,9 B2 = 31,5/34



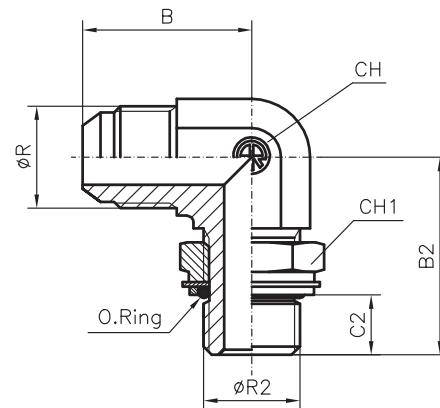
CORPO: GOMITO MASCHIO 90° METRICO -
RONDELLA TENUTA O-RING

CORPS: COUDE MALE 90° METRIQUE -
RONDELLE D'ETANCHEITE O-RING

BODY: ELBOW MALE COUPLING 90° METRIC -
O-RING SEAL RING

KÖRPER: WINKELEINSCHRAUBVERSCHRAUBUNG 90° METRISCH -
BEWEGLICHE UNTERLEGSCHIBE F.O-RING

CUERPO: CODO MACHO 90° METRICO -
ARANDELA DE RETENCION JUNTA TORICA



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC 37°	Ø R2 Metrico Metrique Metric Metrisch	B	B2	C2	CH	CH1	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas										
6	1/4	● ST. 07.04.02 W	● TST0504M10W	7/16	10x1	22,6	27	7,5	11 1)	14	350
6	1/4	● ST. 07.04.03 W	● TST0504M12W	7/16	12x1,5	24,1	29	9,5	14	17	350
8	5/16	● ST. 07.05.02 W	● TST0505M10W	1/2	10x1	26,9	26	7,5	14	14	350
8	5/16	● ST. 07.05.03 W	● TST0505M12W	1/2	12x1,5	24,1	29	9,5	13 2)	17	350
8	5/16	● ST. 07.05.04 W	● TST0505M14W	1/2	14x1,5	26,9	34	9,5	14	19	350
10	3/8	● ST. 07.06.04 W	● TST0506M14W	9/16	14x1,5	26,9	34	9,5	14	19	350
10	3/8	● ST. 07.06.05 W	● TST0506M16W	9/16	16x1,5	26,9	36	10	19	22	350
12	1/2	● ST. 07.08.05 W	● TST0508M16W	3/4	16x1,5	31,8	36	10	19	22	350
12	1/2	● ST. 07.08.06 W	● TST0508M18W	3/4	18x1,5	31,8	38	11	19	24	350
14	-	● ST. 07.10.06 W	● TST0510M18W	7/8	18x1,5	36,8	41,5	11	22	24	350
15	-	● ST. 07.10.06 W	● TST0510M18W	7/8	18x1,5	36,8	41,5	11	22	24	350
16	5/8	● ST. 07.10.06 W	● TST0510M18W	7/8	18x1,5	36,8	41,5	11	22	24	350
14	-	● ST. 07.10.07 W	● TST0510M20W	7/8	20x1,5	36,8	42,5	11	22	27	350
15	-	● ST. 07.10.07 W	● TST0510M20W	7/8	20x1,5	36,8	42,5	11	22	27	350
16	5/8	● ST. 07.10.07 W	● TST0510M20W	7/8	20x1,5	36,8	42,5	11	22	27	350
14	-	● ST. 07.10.08 W	● TST0510M22W	7/8	22x1,5	36,8	42,5	11	22	27	350
15	-	● ST. 07.10.08 W	● TST0510M22W	7/8	22x1,5	36,8	42,5	11	22	27	350
16	5/8	● ST. 07.10.08 W	● TST0510M22W	7/8	22x1,5	36,8	42,5	11	22	27	350
18	-	● ST. 07.12.08 W	● TST0512M22W	1" 1/16	22x1,5	42,2	45	11	27	27	350
20	3/4	● ST. 07.12.08 W	● TST0512M22W	1" 1/16	22x1,5	42,2	45	11	27	27	350
18	-	● ST. 07.12.14 W	● TST0512M27W	1" 1/16	27x2	42,2	51	13,5	27	32	350
20	3/4	● ST. 07.12.14 W	● TST0512M27W	1" 1/16	27x2	42,2	51	13,5	27	32	350
25	1"	● ST. 07.16.14 W	● TST0516M27W	1" 5/16	27x2	46	53	13,5	33	32	250
25	1"	● ST. 07.16.16 W	● TST0516M33W	1" 5/16	33x2	46	53	13,5	33	41	250
30	-	● ST. 07.20.20 W	● TST0520M42W	1" 5/8	42x2	52,3	58	13,5	41	50	210
32	1" 1/4	● ST. 07.20.20 W	● TST0520M42W	1" 5/8	42x2	52,3	58	13,5	41	50	210
38	1" 1/2	● ST. 07.24.24 W	● TST0524M48W	1" 7/8	48x2	59,2	63,5	17	48	55	140

1) - 2) AISI 316L CH = 14 B = 26,9 B2 = 31,5/34



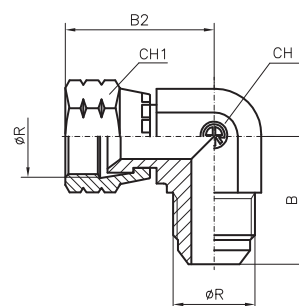
CORPO: UNIONE GOMITO 90°
CON DADO GIREVOLE JIC

CORPS: UNION COUDE 90°
ECROU PIVOTANT JIC

BODY: ELBOW COUPLING 90°
WITH ROTARY NUT JIC

KÖRPER: WINKELEINSCHRAUBVERSCHRAUBUNG 90°
MITDREHMUTTERJIC

CUERPO: CODO MACHO 90°
CON TUERCA LOCA JIC



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC 37°	B	B2	CH	CH1	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas								
6	1/4	● ST. 09.00.04	● TST090404	7/16	22,6	25,7	11 1)	17	350
8	5/16	● ST. 09.00.05	● TST090505	1/2	24,1	28	13 2)	19	350
10	3/8	● ST. 09.00.06	● TST090606	9/16	26,9	32,5	14	19	350
12	1/2	● ST. 09.00.08	● TST090808	3/4	31,8	36,2	19	24	350
14	-	● ST. 09.00.10	● TST091010	7/8	36,8	41,2	22	27	350
15	-	● ST. 09.00.10	● TST091010	7/8	36,8	41,2	22	27	350
16	5/8	● ST. 09.00.10	● TST091010	7/8	36,8	41,2	22	27	350
18	-	● ST. 09.00.12	● TST091212	1" 1/16	42,2	46	27	32	350
20	3/4	● ST. 09.00.12	● TST091212	1" 1/16	42,2	46	27	32	350
25	1"	● ST. 09.00.16	● TST091616	1" 5/16	46	51,6	33	38 3)	280
30	-	● ST. 09.00.20	● TST092020	1" 5/8	52,3	59,9	41	50	210
32	1" 1/4	● ST. 09.00.20	● TST092020	1" 5/8	52,3	59,9	41	50	210
38	1" 1/2	● ST. 09.00.24	● TST092424	1" 7/8	59,2	63,5	48	60	140

1) - 2) AISI 316L CH = 14 B = 26,9 B2 = 28,5/30 3) AISI 316L CH1 = 41

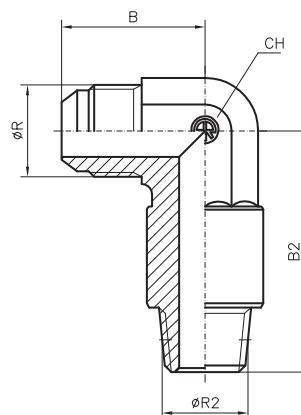
CORPO: GOMITO MASCHIO 90°
NPT - LUNGO

CORPS: COUDE MALE 90°
NPT - LONG

BODY: ELBOW MALE COUPLING 90°
NPT - LONG

KÖRPER: WINKELEINSCHRAUBVERSCHRAUBUNG 90°
MIT LANGEM SCHAFT - NPT

CUERPO: CODO MACHO 90°
NPT - PROLONGACIÓN



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC 37°	Ø R2 NPT	B	B2	CH	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas								
6	1/4	ST. 10.04.04	TST1004N04	7/16	1/4	22,6	40,1	14	350
8	5/16	ST. 10.05.02	TST1005N02	1/2	1/8	24,1	30,7	14	350
10	3/8	ST. 10.06.04	TST1006N04	9/16	1/4	26,9	40,1	14	350
12	1/2	ST. 10.08.06	TST1008N06	3/4	3/8	31,8	46,2	19	350
12	1/2	ST. 10.08.08	TST1008N08	3/4	1/2	33,8	55,1	22	350
14	-	ST. 10.10.08	TST1010N08	7/8	1/2	36,8	55,1	22	350
15	-	ST. 10.10.08	TST1010N08	7/8	1/2	36,8	55,1	22	350
16	5/8	ST. 10.10.08	TST1010N08	7/8	1/2	36,8	55,1	22	350
18	-	ST. 10.12.12	TST1012N12	1" 1/16	3/4	42,2	62	27	350
20	3/4	ST. 10.12.12	TST1012N12	1" 1/16	3/4	42,2	62	27	350
25	1"	ST. 10.16.16	TST1016N16	1" 5/16	1"	46	72,5	33	280



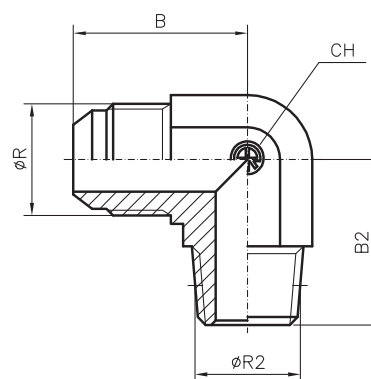
CORPO: GOMITO MASCHIO 90° NPT

CORPS: COUDE MALE 90° NPT

BODY: ELBOW MALE COUPLING 90° NPT

KÖRPER: WINKELEINSCHRAUBVERSCHRAUBUNG 90° NPT

CUERPO: CODO MACHO 90° NPT



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC 37°	Ø R2 NPT	B	B2	CH	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas								
6	1/4	● ST. 11.04.02	● TST1104N02	7/16	1/8	22,6	19,8	11 1)	350
6	1/4	● ST. 11.04.04	● TST1104N04	7/16	1/4	26,9	27,7	14	350
6	1/4	● ST. 11.04.06	● TST1104N06	7/16	3/8	28,5	29,7	19	350
6	1/4	● ST. 11.04.08	● TST1104N08	7/16	1/2	31	36,5	22	350
8	5/16	● ST. 11.05.02	● TST1105N02	1/2	1/8	24,1	19,8	13 2)	350
8	5/16	● ST. 11.05.04	● TST1105N04	1/2	1/4	26,9	27,7	14	350
10	3/8	● ST. 11.06.02	● TST1106N02	9/16	1/8	26,9	22,8	14	350
10	3/8	● ST. 11.06.04	● TST1106N04	9/16	1/4	26,9	27,7	14	350
10	3/8	● ST. 11.06.06	● TST1106N06	9/16	3/8	29	31	19	350
10	3/8	● ST. 11.06.08	● TST1106N08	9/16	1/2	31,2	37,3	22	350
12	1/2	● ST. 11.08.04	● TST1108N04	3/4	1/4	31,8	31	19	350
12	1/2	● ST. 11.08.06	● TST1108N06	3/4	3/8	31,8	31	19	350
12	1/2	● ST. 11.08.08	● TST1108N08	3/4	1/2	33,7	37,3	22	350
12	1/2	● ST. 11.08.12	● TST1108N12	3/4	3/4	36	40,4	27	350
14	-	● ST. 11.10.06	● TST1110N06	7/8	3/8	36,8	33	22	350
15	-	● ST. 11.10.06	● TST1110N06	7/8	3/8	36,8	33	22	350
16	5/8	● ST. 11.10.06	● TST1110N06	7/8	3/8	36,8	37,3	22	350
14	-	● ST. 11.10.08	● TST1110N08	7/8	1/2	36,8	37,3	22	350
15	-	● ST. 11.10.08	● TST1110N08	7/8	1/2	36,8	37,3	22	350
16	5/8	● ST. 11.10.08	● TST1110N08	7/8	1/2	36,8	37,3	22	350
14	-	● ST. 11.10.12	● TST1110N12	7/8	3/4	38,9	40,4	27	350
15	-	● ST. 11.10.12	● TST1110N12	7/8	3/4	38,9	40,4	27	350
16	5/8	● ST. 11.10.12	● TST1110N12	7/8	3/4	42,2	40,4	27	350
18	-	● ST. 11.12.08	● TST1112N08	1" 1/16	1/2	42,2	40,4	27	350
20	3/4	● ST. 11.12.08	● TST1112N08	1" 1/16	1/2	42,2	40,4	27	350
18	-	● ST. 11.12.12	● TST1112N12	1" 1/16	3/4	42,2	40,4	27	350
20	3/4	● ST. 11.12.12	● TST1112N12	1" 1/16	3/4	42,2	40,4	27	350
18	-	● ST. 11.12.16	● TST1112N16	1" 1/16	1"	44,7	50	33	280
20	3/4	● ST. 11.12.16	● TST1112N16	1" 1/16	1"	44,7	50	33	280
25	1"	● ST. 11.16.12	● TST1116N12	1" 5/16	3/4	46	45,2	33	280
25	1"	● ST. 11.16.16	● TST1116N16	1" 5/16	1"	46	50	33	280
25	1"	● ST. 11.16.20	● TST1116N20	1" 5/16	1" 1/4	54	59,6	41	280
30	-	● ST. 11.20.16	● TST1120N16	1" 5/8	1"	52,3	59,6	41	210
32	1" 1/4	● ST. 11.20.16	● TST1120N16	1" 5/8	1"	52,3	59,6	41	210
30	-	● ST. 11.20.20	● ST. 11.20.20	1" 5/8	1" 1/4	52,3	59,6	41	210
32	1" 1/4	● ST. 11.20.20	● TST1120N20	1" 5/8	1" 1/4	52,3	59,6	41	210
30	-	● ST. 11.20.24	● TST1120N24	1" 5/8	1" 1/2	56	67,1	48	140
32	1" 1/4	● ST. 11.20.24	● TST1120N24	1" 5/8	1" 1/2	56	67,1	48	140
38	1" 1/2	● ST. 11.24.20	● TST1124N20	1" 7/8	1" 1/4	59,2	57	48	140
38	1" 1/2	● ST. 11.24.24	● TST1124N24	1" 7/8	1" 1/2	59,2	67,1	48	140

1) - 2) AISI 316L CH = 14 B = 26,9



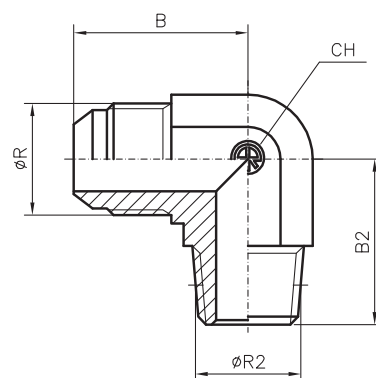
CORPO: GOMITO MASCHIO 90°
BSPT (GAS CONICO)

CORPS: COUDE MALE 90°
BSPT (GAZ CONIQUE)

BODY: ELBOW MALE COUPLING 90°
BSPT (BSP TAPERED)

KÖRPER: WINKELEINSCHRAUBVERSCHRAUBUNG 90°
BSPT

CUERPO: CODO MACHO 90°
BSPT (GAS CONICO)



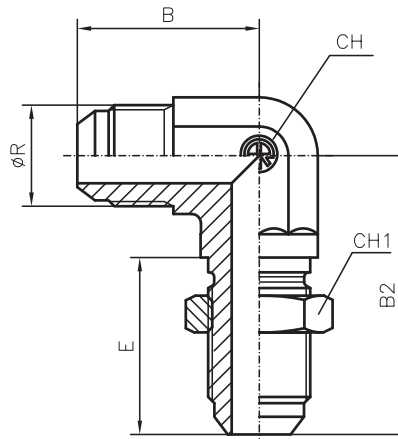
Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC 37°	Ø R2 BSPT	B	B2	CH	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas								
6	1/4	● ST. 12.04.02	● TST1104K02	7/16	1/8	22,6	19,8	11 1)	350
6	1/4	● ST. 12.04.04	● TST1104K04	7/16	1/4	26,9	27,7	14	350
8	5/16	● ST. 12.05.02	● TST1105K02	1/2	1/8	24,1	19,8	13 2)	350
8	5/16	● ST. 12.05.04	● TST1105K04	1/2	1/4	26,9	27,7	14	350
10	3/8	● ST. 12.06.02	● TST1106K02	9/16	1/8	26,9	22,8	14	350
10	3/8	● ST. 12.06.04	● TST1106K04	9/16	1/4	26,9	27,7	14	350
10	3/8	● ST. 12.06.06	● TST1106K06	9/16	3/8	29	31	19	350
10	3/8	● ST. 12.06.08	● TST1106K08	9/16	1/2	31,2	37,3	22	350
12	1/2	● ST. 12.08.04	● TST1108K04	3/4	1/4	31,8	31	19	350
12	1/2	● ST. 12.08.06	● TST1108K06	3/4	3/8	31,8	31	19	350
12	1/2	● ST. 12.08.08	● TST1108K08	3/4	1/2	33,7	37,3	22	350
12	1/2	● ST. 12.08.12	● TST1108K12	3/4	3/4	36	40,4	27	350
14	-	● ST. 12.10.06	● TST1110K06	7/8	3/8	36,8	33	22	350
15	-	● ST. 12.10.06	● TST1110K06	7/8	3/8	36,8	33	22	350
16	5/8	● ST. 12.10.06	● TST1110K06	7/8	3/8	36,8	33	22	350
14	-	● ST. 12.10.08	● TST1110K08	7/8	1/2	36,8	37,3	22	350
15	-	● ST. 12.10.08	● TST1110K08	7/8	1/2	36,8	37,3	22	350
16	5/8	● ST. 12.10.08	● TST1110K08	7/8	1/2	36,8	37,3	22	350
14	-	● ST. 12.10.12	● TST1110K12	7/8	3/4	38,9	40,4	27	350
15	-	● ST. 12.10.12	● TST1110K12	7/8	3/4	38,9	40,4	27	350
16	5/8	● ST. 12.10.12	● TST1110K12	7/8	3/4	38,9	40,4	27	350
18	-	● ST. 12.12.08	● TST1112K08	1" 1/16	1/2	42,2	40,4	27	350
20	3/4	● ST. 12.12.08	● TST1112K08	1" 1/16	1/2	42,2	40,4	27	350
18	-	● ST. 12.12.12	● TST1112K12	1" 1/16	3/4	42,2	40,4	27	350
20	3/4	● ST. 12.12.12	● TST1112K12	1" 1/16	3/4	42,2	40,4	27	350
18	-	● ST. 12.12.16	● TST1112K16	1" 1/16	1"	44,7	50	33	280
20	3/4	● ST. 12.12.16	● TST1112K16	1" 1/16	1"	44,7	50	33	280
25	1"	● ST. 12.16.12	● TST1116K12	1" 5/16	3/4	46	45,2	33	280
25	1"	● ST. 12.16.16	● TST1116K16	1" 5/16	1"	46	50	33	280
30	-	● ST. 12.20.16	● TST1120K16	1" 5/8	1"	52,3	59,6	41	210
32	1" 1/4	● ST. 12.20.16	● TST1120K16	1" 5/8	1"	52,3	59,6	41	210
30	-	● ST. 12.20.20	● TST1120K20	1" 5/8	1" 1/4	52,3	59,6	41	210
32	1" 1/4	● ST. 12.20.20	● TST1120K20	1" 5/8	1" 1/4	52,3	59,6	41	210
38	1" 1/2	● ST. 12.24.24	● TST1124K24	1" 7/8	1" 1/2	59,2	67,1	48	140

1) - 2) AISI 316L CH = 14 B = 26,9



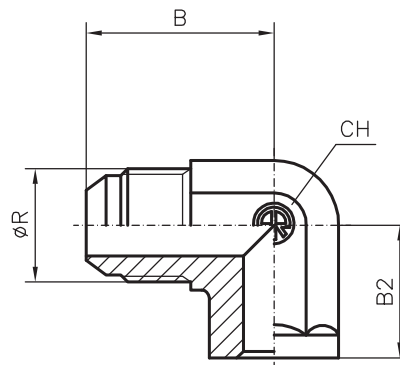
CORPO: UNIONE PASSAPARATIA GOMITO 90°
CORPS: UNION TRAVERSEE COUDE 90°
BODY: BULKHEAD ELBOW 90°
KÖRPER: WINKELSCHOTTVERSCHRAUBUNG 90°
CUERPO: UNION PASATABIQUE CODO 90°

SPESSORE MAX DELLA PARATIA = 5 mm.
EPAISSEUR MAX DE LA CLOISON = 5 mm.
MAXIMUM BULKHEAD THICKNESS = 5 mm.
MAXIMALE SCHOTTWANDDIECKE = 5 mm.
ESPESOR MAXIMO DE PARED = 5 mm.



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC 37°	B	B2	CH	CH1	E	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas									
6	1/4	ST. 13.00.04	TST130404	7/16	26,9	40,4	14	17	28,3	350
8	5/16	ST. 13.00.05	TST130505	1/2	27	43,7	14	19	28,3	350
10	3/8	ST. 13.00.06	TST130606	9/16	27,7	46	14	22	30,1	350
12	1/2	ST. 13.00.08	TST130808	3/4	34,5	53,6	19	24	35	350
14	-	ST. 13.00.10	TST131010	7/8	39,6	60,7	22	30	38,5	350
15	-	ST. 13.00.10	TST131010	7/8	39,6	60,7	22	30	38,5	350
16	5/8	ST. 13.00.10	TST131010	7/8	39,6	60,7	22	30	38,5	350
18	-	ST. 13.00.12	TST131212	1" 1/16	45,2	67,8	27	36	42,8	350
20	3/4	ST. 13.00.12	TST131212	1" 1/16	45,2	67,8	27	36	42,8	350
25	1"	ST. 13.00.16	TST131616	1" 5/16	49,3	71,1	33	41	42,8	280
30-32	1" 1/4	ST. 13.00.20	TST132020	1" 5/8	55,1	79,2	41	50	44,1	210
38	1" 1/2	ST. 13.00.24	TST132424	1" 7/8	59,4	86,9	48	55	44,3	140

CORPO: GOMITO 90° SALDABILE
CORPS: COUDE 90° A SOUDER
BODY: WELDING ELBOW 90°
KÖRPER: ANSCHWEISSWINKEL 90°
CUERPO: CODO 90° SOLDABLE

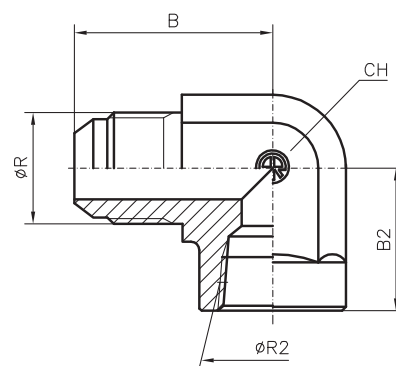


Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC 37°	B	B2	CH	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas							
6	1/4	● ST. 15.00.04	● TST1504	7/16	22,6	20	13/14 1)	350
8	5/16	● ST. 15.00.05	● TST1505	1/2	24,1	20	13 1)	350
10	3/8	● ST. 15.00.06	● TST1506	9/16	26,9	22	14	350
12	1/2	● ST. 15.00.08	● TST1508	3/4	31,8	22	19	350
14	-	● ST. 15.00.10	● TST1510	7/8	36,8	26	22	350
15	-	● ST. 15.00.10	● TST1510	7/8	36,8	26	22	350
16	5/8	● ST. 15.00.10	● TST1510	7/8	36,8	26	22	350
18-20	3/4	● ST. 15.00.12	● TST1512	1" 1/16	42,2	30	27	350
25	1	● ST. 15.00.16	● TST1516	1" 5/16	46	36	33	280
30-32	1" 1/4	● ST. 15.00.20	● TST1520	1" 5/8	52,3	38	41	210
38	1" 1/2	● ST. 15.00.24	● TST1524	1" 7/8	59,2	45	48	140

1) AISI 316L CH = 14 B = 26,9



CORPO: GOMITO 90° FEMMINA NPT
CORPS: COUDE 90° FEMELLE NPT
BODY: ELBOW 90° FEMALE NPT
KÖRPER: WINKELVERSCHRAUBUNG 90° MUTTERSETTING NPT
CUERPO: CODO 90° HEMBRA NPT



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC 37°	Ø R2 NPT	B	B2	CH	PN
mm.	Poll.-Pouces Inch.- Zoll Pulgadas								
6	1/4	● ST. 17.04.02	● TST1704N02	7/16	1/8	27,4	16,8	14	350
6	1/4	● ST. 17.04.04	● TST1704N04	7/16	1/4	31	22,4	19	350
8	5/16	● ST. 17.05.02	● TST1705N02	1/2	1/8	27,4	16,8	14	350
8	5/16	● ST. 17.05.04	● TST1705N04	1/2	1/4	28,7	22,4	19	350
10	3/8	● ST. 17.06.02	● TST1706N02	9/16	1/8	31,2	17	14	350
10	3/8	● ST. 17.06.04	● TST1706N04	9/16	1/4	31,2	22,4	19	350
10	3/8	● ST. 17.06.06	● TST1706N06	9/16	3/8	33,3	25,9	22	350
12	1/2	● ST. 17.08.04	● TST1708N04	3/4	1/4	36,1	25,9	19	350
12	1/2	● ST. 17.08.06	● TST1708N06	3/4	3/8	36,1	25,9	22	350
12	1/2	● ST. 17.08.08	● TST1708N08	3/4	1/2	38,7	31,2	27	350
14-15-16	5/8	● ST. 17.10.08	● TST1710N08	7/8	1/2	41,7	31,2	27	350
18-20	3/4	● ST. 17.12.08	● TST1712N08	1" 1/16	1/2	48	34,5	27	250
18-20	3/4	● ST. 17.12.12	● TST1712N12	1" 1/16	3/4	48	34,5	33	350
25	1"	● ST. 17.16.16	● TST1716N16	1" 5/16	1"	55,1	41,4	41	250
30-32	1" 1/4	● ST. 17.20.20	● TST1720N20	1" 5/8	1" 1/4	59,2	43,2	48	210



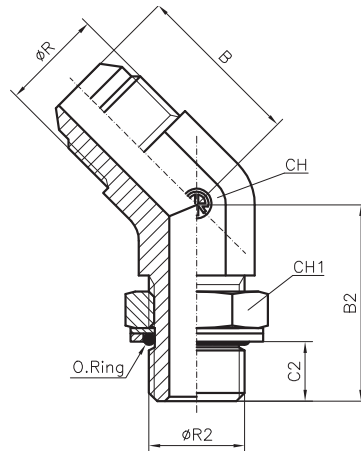
CORPO: GOMITO MASCHIO 45° BSPP
(GAS CILINDRICO)

CORPS: COUDE MALE 45° BSPP
(GAZ CYLINDRIQUE)

BODY: ELBOW MALE COUPLING 45° BSPP
(BSP PARALLEL)

KÖRPER: WINKELEINSCHRAUBVERSCHRAUBUNG 45° BSPP
(BSP ZYLINDRISCH)

CUERPO: CODO MACHO 45° BSPP
(GAS CILINDRICO)



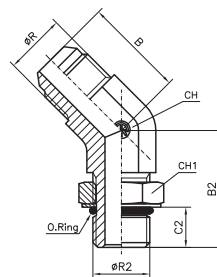
Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC 37°	Ø R2 BSPP	B	B2	C2	CH	CH1	PN
mm.	Poll.-Pouces Inch.- Zoll Pulgadas										
6	1/4	● ST. 35.04.02	● TST3504R02	7/16	1/8	18,2	27	6,3	11	14	350
6	1/4	● ST. 35.04.04	● TST3504R04	7/16	1/4	21,1 2)	29	9,5	14 1)	19	350
6	1/4	● ST. 35.04.06	● TST3504R06	7/16	3/8	22,3	33	9,5	19	22	350
6	1/4	● ST. 35.04.08	● TST3504R08	7/16	1/2	22,8	38,5	13	22	27	350
8	5/16	● ST. 35.05.02	● TST3505R02	1/2	1/8	20,2 2)	27	6,3	14 1)	14	350
8	5/16	● ST. 35.05.04	● TST3505R04	1/2	1/4	21,1 2)	29	9,5	14 1)	19	350
8	5/16	● ST. 35.05.06	● TST3505R06	1/2	3/8	22,3	33	9,5	19	22	350
10	3/8	● ST. 35.06.04	● TST3506R04	9/16	1/4	21,1 2)	29	9,5	14 1)	19	350
10	3/8	● ST. 35.06.06	● TST3506R06	9/16	3/8	22,3	33	9,5	19	22	350
10	3/8	● ST. 35.06.08	● TST3506R08	9/16	1/2	22,8	38,5	13	22	27	350
12	1/2	● ST. 35.08.04	● TST3508R04	3/4	1/4	24,9	30	9,5	19	19	350
12	1/2	● ST. 35.08.06	● TST3508R06	3/4	3/8	24,9	33	9,5	19	22	350
12	1/2	● ST. 35.08.08	● TST3508R08	3/4	1/2	26,7	38,5	13	22	27	350
12	1/2	● ST. 35.08.12	● TST3508R12	3/4	3/4	26,7	44	13	27	36	350
14-15-16	5/8	● ST. 35.10.06	● TST3510R06	7/8	3/8	28,2	38,5	9,5	22	22	350
14-15-16	5/8	● ST. 35.10.08	● TST3510R08	7/8	1/2	28,2	38,5	13	22	27	350
14-15-16	5/8	● ST. 35.10.12	● TST3510R12	7/8	3/4	29,8	44	13	27	36	250
18-20	3/4	● ST. 35.12.08	● TST3512R08	1" 1/16	1/2	32,5	39,9	13	27	27	250
18-20	3/4	● ST. 35.12.12	● TST3512R12	1" 1/16	3/4	32,5	44	13	27	36	250
18-20	3/4	● ST. 35.12.16	● TST3512R16	1" 1/16	1"	36	47,5	16	33	41	250
25	1"	● ST. 35.16.12	● TST3516R12	1" 5/16	3/4	37,3	47,5	13	33	36	250
25	1"	● ST. 35.16.16	● TST3516R16	1" 5/16	1"	37,3	47,5	16	33	41	250
25	1"	● ST. 35.16.20	● TST3516R20	1" 5/16	1" 1/4	37,3	47,5	16	33	50	250
30-32	1" 1/4	● ST. 35.20.16	● TST3520R16	1" 5/8	1"	40,4	48,5	16	41	41	175
30-32	1" 1/4	● ST. 35.20.20	● TST3520R20	1" 5/8	1" 1/4	40,4	48,5	16	41	50	175
38	1" 1/2	● ST. 35.24.20	● TST3524R20	1" 7/8	1" 1/4	45,2	48,5	16	48	50	140
38	1" 1/2	● ST. 35.24.24	● TST3524R24	1" 7/8	1" 1/2	45,2	48,5	16	48	55	140

1) AISI 316L CH = 19

2) AISI 316L B = 23,5



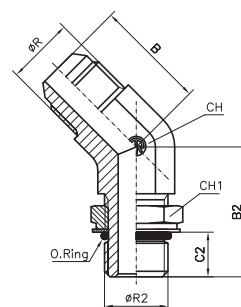
CORPO: GOMITO MASCHIO 45° UNF 2A
CORPS: COUDE MALE 45° UNF 2A
BODY: ELBOW MALE COUPLING 45° UNF 2A
KÖRPER: WINKELEINSCHRAUBVERSCHRAUBUNG 45° UNF 2A
CUERPO: CODO MACHO 45° UNF 2A



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC 37°	Ø R2 UNF	B	B2	C2	CH	CH1	PN
mm.	Poll.-Pouces Inch.- Zoll Pulgadas										
6	1/4	● ST. 36.04.04	● TST3504U07	7/16	7/16	18,3	26,7	9	11	14	350
6	1/4	● ST. 36.04.05	● TST3504U08	7/16	1/2	19,6 2)	26,7	9	14 1)	16	350
8	5/16	● ST. 36.05.05	● TST3505U08	1/2	1/2	19,6 2)	26,7	9	14 1)	16	350
10	3/8	● ST. 36.06.06	● TST3506U09	9/16	9/16	21,1 2)	29	10	14 1)	17	350
10	3/8	● ST. 36.06.08	● TST3506U12	9/16	3/4	22,3	33	11	19	22	350
12	1/2	● ST. 36.08.08	● TST3508U12	3/4	3/4	24,9	33	11	19	22	350
12	1/2	● ST. 36.08.10	● TST3508U14	3/4	7/8	24,9	38,6	12,5	22	27	350
14-15-16	5/8	● ST. 36.10.08	● TST3510U12	7/8	3/4	28,2	34,5	11	22	22	350
14-15-16	5/8	● ST. 36.10.10	● TST3510U14	7/8	7/8	28,2	38,6	12,5	22	27	350
18-20	3/4	● ST. 36.12.08	● TST3512U12	1" 1/16	3/4	32,5	35,8	11	27	22	350
18-20	3/4	● ST. 36.12.10	● TST3512U14	1" 1/16	7/8	32,5	39,8	12,5	27	27	350
18-20	3/4	● ST. 36.12.12	● TST3512U17	1" 1/16	1" 1/16	32,5	43,9	15	27	32	350
18-20	3/4	● ST. 36.12.16	● TST3512U21	1" 1/16	1" 5/16	36,1	47,2	15	33	38	350
25	1"	● ST. 36.16.12	● TST3516U17	1" 5/16	1" 1/16	37,3	43,9	15	33	32	350
25	1"	● ST. 36.16.16	● TST3516U21	1" 5/16	1" 5/16	37,3	47,2	15	33	38	350
25	1"	● ST. 36.16.20	● TST3516U26	1" 5/16	1" 5/8	39,2	48,5	15	41	50	210
30-32	1" 1/4	● ST. 36.20.20	● TST3520U26	1" 5/8	1" 5/8	40,4	48,5	15	41	50	210
38	1" 1/2	● ST. 36.24.24	● TST3524U30	1" 7/8	1" 7/8	45,2	48,5	15	48	55	140

1) AISI 316L CH = 19
2) AISI 316L B = 23,5

CORPO: GOMITO MASCHIO 45°
METRICO - ISO 6149-3
CORPS: COUDE MALE 45°
METRIQUE - ISO 6149-3
BODY: ELBOW MALE COUPLING 45°
METRIC - ISO 6149-3
KÖRPER: WINKELEINSCHRAUBVERSCHRAUBUNG 45°
METRISCH - ISO 6149-3
CUERPO: CODO MACHO 45°
METRICO - ISO 6149-3



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC 37°	Ø R2 Metrico Metrique Metric Metrisch	B	B2	C2	CH	CH1	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas										
8	5/16	● ST. 37.05.02	● TST3505M10	1/2	10x1	21,1 2)	29	8,5	14 1)	14	350
10	3/8	● ST. 37.06.04	● TST3506M14	9/16	14x1,5	21,1 2)	29	11	14 1)	19	350
10	3/8	● ST. 37.06.06	● TST3506M18	9/16	18x1,5	22,3	33	12,5	19	24	350
12	1/2	● ST. 37.08.05	● TST3508M16	3/4	16x1,5	24,9	32	11,5	19	22	350
12	1/2	● ST. 37.08.06	● TST3508M18	3/4	18x1,5	24,9	36,5	12,5	19	24	350
14-15-16	5/8	● ST. 37.10.06	● TST3510M18	7/8	18x1,5	28,2	37	12,5	22	24	350
14-15-16	5/8	● ST. 37.10.08	● TST3510M22	7/8	22x1,5	28,2	37,5	12,5	22	27	350
18-20	3/4	● ST. 37.12.08	● TST3512M22	1" 1/16	22x1,5	32,5	39	12,5	27	27	350
18-20	3/4	● ST. 37.12.14	● TST3512M27	1" 1/16	27x2	32,5	46	15,5	27	32	350
25	1"	● ST. 37.16.16	● TST3516M33	1" 5/16	33x2	37,3	45,5	15,5	33	41	280

1) AISI 316L CH = 19
2) AISI 316L B = 23,5



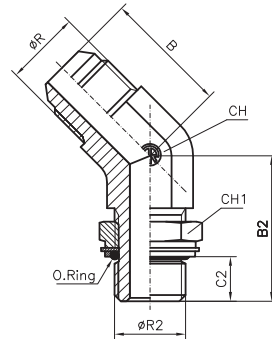
CORPO: GOMITO MASCHIO 45° METRICO -
RONDELLA TENUTA O-RING

CORPS: COUDE MALE 45° METRIQUE -
RONDELLE D'ETANCHEITE O-RING

BODY: ELBOW MALE COUPLING 45° METRIC-
O-RING SEAL RING

KÖRPER: WINKELEINSCHRAUBVERSCHRAUBUNG 45° METRISCH -
BEWEGLICHE UNTERLEGSCHIBE F.O-RING

CUERPO: CODO MACHO 45° METRICO -
ARANDELA DE RETENCION JUNTA TORICA



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC 37°	Ø R2 Metrico Metrique Metric Metrisch	B	B2	C2	CH	CH1	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas										
8	5/16	● ST. 37.05.02 W	● TST3505M10W	1/2	10x1	21,1 2)	29	7,5	14 1)	14	350
10	3/8	● ST. 37.06.04 W	● TST3506M14W	9/16	14x1,5	21,1 2)	29	9,5	14 1)	19	350
10	3/8	● ST. 37.06.06 W	● TST3506M18W	9/16	18x1,5	22,3	33	11	19	24	350
12	1/2	● ST. 37.08.05 W	● TST3508M16W	3/4	16x1,5	24,9	32	10	19	22	350
12	1/2	● ST. 37.08.06 W	● TST3508M18W	3/4	18x1,5	24,9	36,5	11	19	24	350
14	-	● ST. 37.10.06 W	● TST3510M18W	7/8	18x1,5	28,2	37	11	22	24	350
15	-	● ST. 37.10.06 W	● TST3510M18W	7/8	18x1,5	28,2	37	11	22	24	350
16	5/8	● ST. 37.10.06 W	● TST3510M18W	7/8	18x1,5	28,2	37	11	22	24	350
14	-	● ST. 37.10.08 W	● TST3510M22W	7/8	22x1,5	28,2	37,5	11	22	27	350
15	-	● ST. 37.10.08 W	● TST3510M22W	7/8	22x1,5	28,2	37,5	11	22	27	350
16	5/8	● ST. 37.10.08 W	● TST3510M22W	7/8	22x1,5	28,2	37,5	11	22	27	350
18	-	● ST. 37.12.08 W	● TST3512M22W	1" 1/16	22x1,5	32,5	39	11	27	27	350
20	3/4	● ST. 37.12.08 W	● TST3512M22W	1" 1/16	22x1,5	32,5	39	11	27	27	350
18	-	● ST. 37.12.14 W	● TST3512M27W	1" 1/16	27x2	32,5	46	13,5	27	32	350
20	3/4	● ST. 37.12.14 W	● TST3512M27W	1" 1/16	27x2	32,5	46	13,5	27	32	350
25	1"	● ST. 37.16.16 W	● TST3516M33W	1" 5/16	33x2	37,3	45,5	13,5	33	41	250

1) AISI 316L CH = 19
2) AISI 316L B = 23,5

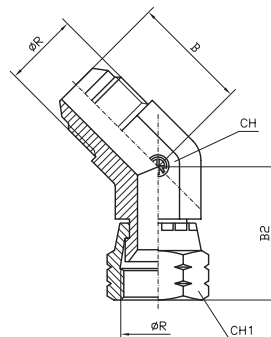
CORPO: UNIONE GOMITO 45°
CON DADO GIREVOLE JIC

CORPS: UNION COUDE 45°
ECROU PIVOTANT JIC

BODY: ELBOW COUPLING 45°
WITH ROTARY NUT JIC

KÖRPER: WINKELEINSCHRAUBVERSCHRAUBUNG 45°
MIT DREHMUTTER JIC

CUERPO: UNION CODO 45°
CON TUERCA LOCA JIC

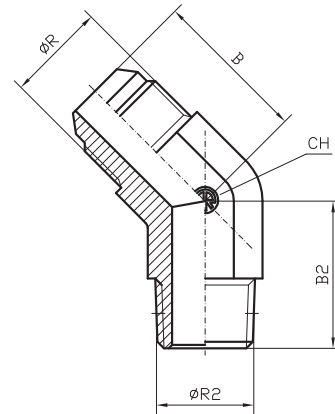


Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC 37°	B	B2	CH	CH1	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas								
6	1/4	● ST. 39.00.04	● TST390404	7/16	18,3	24	11	17	350
8	5/16	● ST. 39.00.05	● TST390505	1/2	19,6 2)	25,4	14 1)	19	350
10	3/8	● ST. 39.00.06	● TST390606	9/16	21,1 2)	27,5	14 1)	19	350
12	1/2	● ST. 39.00.08	● TST390808	3/4	24,9	32,2	19	24	350
14	-	● ST. 39.00.10	● TST391010	7/8	28,2	34,7	22	27	350
15	-	● ST. 39.00.10	● TST391010	7/8	28,2	34,7	22	27	350
16	5/8	● ST. 39.00.10	● TST391010	7/8	28,2	34,7	22	27	350
18	-	● ST. 39.00.12	● TST391212	1" 1/16	32,5	38,1	27	32	350
20	3/4	● ST. 39.00.12	● TST391212	1" 1/16	32,5	38,1	27	32	350
25	1"	● ST. 39.00.16	● TST391616	1" 5/16	37,3	43,6	33	38	350
30	-	● ST. 39.00.20	● TST392020	1" 5/8	40,5	51,6	41	50	210
32	1" 1/4	● ST. 39.00.20	● TST392020	1" 5/8	40,5	51,6	41	50	210
38	1" 1/2	● ST. 39.00.24	● TST392424	1" 7/8	45,2	57,2	48	60	140

1) AISI 316L CH = 19
2) AISI 316L B = 23,5



CORPO: GOMITO MASCHIO 45° NPT
CORPS: COUDE MALE 45° NPT
BODY: ELBOW MALE COUPLING 45° NPT
KÖRPER: WINKELEINSCHRAUBVERSCHRAUBUNG 45° NPT
CUERPO: CODO MACHO 45° NPT



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC 37°	Ø R2 NPT	B	B2	CH	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas								
6	1/4	● ST. 41.04.04	● TST4104N04	7/16	1/4	20,8 2)	21,8	14 1)	350
8	5/16	● ST. 41.05.04	● TST4105N04	1/2	1/4	20,8 2)	21,8	14 1)	350
10	3/8	● ST. 41.06.02	● TST4106N02	9/16	1/8	21,1 2)	17	14 1)	350
10	3/8	● ST. 41.06.04	● TST4106N04	9/16	1/4	21,1 2)	21,8	14 1)	350
10	3/8	● ST. 41.06.06	● TST4106N06	9/16	3/8	22,1	24,1	19	350
10	3/8	● ST. 41.06.08	● TST4106N08	9/16	1/2	22,4	29,7	22	350
12	1/2	● ST. 41.08.04	● TST4108N04	3/4	1/4	24,9	24	19	350
12	1/2	● ST. 41.08.06	● TST4108N06	3/4	3/8	24,9	24,1	19	350
12	1/2	● ST. 41.08.08	● TST4108N08	3/4	1/2	25,2	29,7	22	350
12	1/2	● ST. 41.08.12	● TST4108N12	3/4	3/4	26,5	30,5	27	350
14	-	● ST. 41.10.06	● TST4110N06	7/8	3/8	28,2	25	22	350
15	-	● ST. 41.10.06	● TST4110N06	7/8	3/8	28,2	25	22	350
16	5/8	● ST. 41.10.06	● TST4110N06	7/8	3/8	28,2	25	22	350
14	-	● ST. 41.10.08	● ST. 41.10.08	7/8	1/2	28,2	29,7	22	350
15	-	● ST. 41.10.08	● TST4110N08	7/8	1/2	28,2	29,7	22	250
16	5/8	● ST. 41.10.08	● TST4110N08	7/8	1/2	28,2	29,7	22	350
14	-	● ST. 41.10.12	● TST4110N12	7/8	3/4	29,5	30,5	27	350
15	-	● ST. 41.10.12	● TST4110N12	7/8	3/4	29,5	30,5	27	350
16	5/8	● ST. 41.10.12	● TST4110N12	7/8	3/4	29,5	30,5	27	350
18	-	● ST. 41.12.08	● TST4112N08	1" 1/16	1/2	32,5	30,5	27	350
20	3/4	● ST. 41.12.08	● TST4112N08	1" 1/16	1/2	32,5	30,5	27	350
18	-	● ST. 41.12.12	● TST4112N12	1" 1/16	3/4	32,5	30,5	27	350
20	3/4	● ST. 41.12.12	● TST4112N12	1" 1/16	3/4	32,5	30,5	27	350
25	1"	● ST. 41.16.12	● TST4116N12	1" 5/16	3/4	37,3	32,5	33	280
25	1"	● ST. 41.16.16	● TST4116N16	1" 5/16	1"	37,3	37,6	33	280
30	-	● ST. 41.20.16	● TST4120N16	1" 5/8	1"	40,4	42,4	41	210
32	1" 1/4	● ST. 41.20.16	● TST4120N16	1" 5/8	1"	40,4	42,4	41	210
30	-	● ST. 41.20.20	● TST4120N20	1" 5/8	1" 1/4	40,4	42,4	41	210
32	1" 1/4	● ST. 41.20.20	● TST4120N20	1" 5/8	1" 1/4	40,4	42,4	41	210
38	1" 1/2	● ST. 41.24.24	● TST4124N24	1" 7/8	1" 1/2	45,2	45	48	140

1) AISI 316L CH = 19
2) AISI 316L B = 23,5



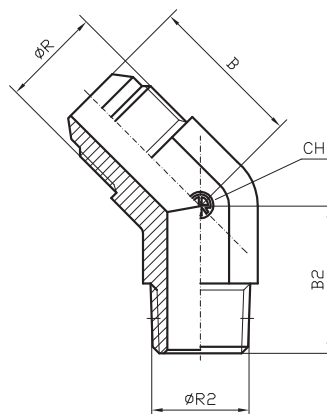
CORPO: GOMITO MASCHIO 45° BSPT
(GAS CONICO)

CORPS: COUDE MALE 45° BSPT
(GAZ CONIQUE)

BODY: ELBOW MALE COUPLING 45° BSPT
(BSP TAPERED)

KÖRPER: WINKELEINSCHRAUBVERSCHRAUBUNG 45° BSPT
(WITHWORTH-ROHRGEWINDE KEGELIG)

CUERPO: CODO MACHO 45° BSPT
(GAS CONICO)

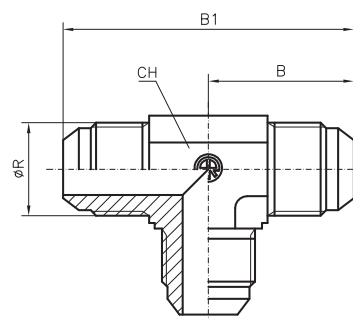


Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC 37°	Ø R2 BSPT	B	B2	CH	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas								
6	1/4	● ST. 42.04.04	● TST4104K04	7/16	1/4	20,8 2)	21,8	14 1)	350
8	5/16	● ST. 42.05.04	● TST4105K04	1/2	1/4	20,8 2)	21,8	14 1)	350
10	3/8	● ST. 42.06.04	● TST4106K04	9/16	1/4	21,1 2)	21,8	14 1)	350
10	3/8	● ST. 42.06.06	● TST4106K06	9/16	3/8	22,1	24,1	19	350
10	3/8	● ST. 42.06.08	● TST4106K08	9/16	1/2	22,4	29,7	22	350
12	1/2	● ST. 42.08.06	● TST4108K06	3/4	3/8	24,9	24,1	19	350
12	1/2	● ST. 42.08.08	● TST4108K08	3/4	1/2	25,2	29,7	22	350
14	-	● ST. 42.10.08	● TST4110K08	7/8	1/2	28,2	29,7	22	350
15	-	● ST. 42.10.08	● TST4110K08	7/8	1/2	28,2	29,7	22	350
16	5/8	● ST. 42.10.08	● TST4110K08	7/8	1/2	28,2	29,7	22	350
18	-	● ST. 42.12.12	● TST4112K12	1" 1/16	3/4	32,5	30,5	27	350
20	3/4	● ST. 42.12.12	● TST4112K12	1" 1/16	3/4	32,5	30,5	27	350
25	1"	● ST. 42.16.16	● TST4116K16	1" 5/16	1"	37,3	37,6	33	280
30	-	● ST. 42.20.20	● TST4120K20	1" 5/8	1" 1/4	40,4	42,4	41	210
32	1" 1/4	● ST. 42.20.20	● TST4120K20	1" 5/8	1" 1/4	40,4	42,4	41	210
38	1" 1/2	● ST. 42.24.24	● TST4124K24	1" 7/8	1" 1/2	45,2	45	48	140

1) AISI 316L CH = 19
2) AISI 316L B = 23,5



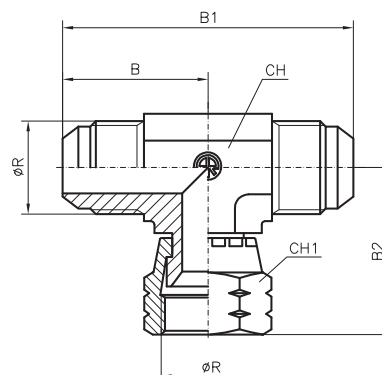
CORPO: UNIONE A“T”
CORPS: UNION “T”
BODY: EQUAL TEES
KÖRPER: T-VERSCHRAUBUNG
CUERPO: TE - MACHO MACHO



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC 37°	B	B1	CH	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas							
6	1/4	● ST. 51.00.04	● TST51040404	7/16	22,6	45,2	11 1)	350
8	5/16	● ST. 51.00.05	● TST51050505	1/2	24,1	48,2	13 2)	350
10	3/8	● ST. 51.00.06	● TST51060606	9/16	26,9	53,8	14	350
12	1/2	● ST. 51.00.08	● TST51080808	3/4	31,8	63,6	19	350
14	-	● ST. 51.00.10	● TST51101010	7/8	36,8	73,6	22	350
15	-	● ST. 51.00.10	● TST51101010	7/8	36,8	73,6	22	350
16	5/8	● ST. 51.00.10	● TST51101010	7/8	36,8	73,6	22	350
18	-	● ST. 51.00.12	● TST51121212	1" 1/16	42,2	84,4	27	350
20	3/4	● ST. 51.00.12	● TST51121212	1" 1/16	42,2	84,4	27	350
25	1"	● ST. 51.00.16	● TST51161616	1" 5/16	46	92	33	280
30	-	● ST. 51.00.20	● TST51202020	1" 5/8	52,3	104,6	41	210
32	1" 1/4	● ST. 51.00.20	● TST51202020	1" 5/8	52,3	104,6	41	210
38	1" 1/2	● ST. 51.00.24	● TST51242424	1" 7/8	59,2	118,4	48	140

1) - 2) AISI 316L CH = 14 B = 26,9 B1 = 53,8

CORPO: “T” DI LINEA
CON DADO GIREVOLE JIC
CORPS: “T” DE LIGNE
ECROU PIVOTANT JIC
BODY: “T” OF LINE
WITH ROTARY NUT JIC
KÖRPER: LINIEN-T
MIT DREHMUTTER JIC
CUERPO: TE MACHO FIJO
CON TUERCA LOCA CENTRAL JIC



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC 37°	B	B1	B2	CH	CH1	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas									
6	1/4	● ST. 55.00.04	● TST55040404	7/16	22,6	45,2	25,7	11 1)	17	350
8	5/16	● ST. 55.00.05	● TST55050505	1/2	24,1	48,2	28	13 2)	19	350
10	3/8	● ST. 55.00.06	● TST55060606	9/16	26,9	53,8	32,5	14	19	350
12	1/2	● ST. 55.00.08	● TST55080808	3/4	31,8	63,6	36,2	19	24	350
14	-	● ST. 55.00.10	● TST55101010	7/8	36,8	73,6	41,2	22	27	350
15	-	● ST. 55.00.10	● TST55101010	7/8	36,8	73,6	41,2	22	27	350
16	5/8	● ST. 55.00.10	● TST55101010	7/8	36,8	73,6	41,2	22	27	350
18	-	● ST. 55.00.12	● TST55121212	1" 1/16	42,2	84,4	45,8	27	32	350
20	3/4	● ST. 55.00.12	● TST55121212	1" 1/16	42,2	84,4	45,8	27	32	350
25	1"	● ST. 55.00.16	● TST55161616	1" 5/16	46	92	51,6	33	38	280
30	-	● ST. 55.00.20	● TST55202020	1" 5/8	52,3	104,6	59,9	41	50	210
32	1" 1/4	● ST. 55.00.20	● TST55202020	1" 5/8	52,3	104,6	59,9	41	50	210
38	1" 1/2	● ST. 55.00.24	● TST55242424	1" 7/8	59,2	118,4	63,5	48	60	140

1) - 2) AISI 316L CH = 14 B = 26,9 B1 = 53,8 B2 = 28,5/30



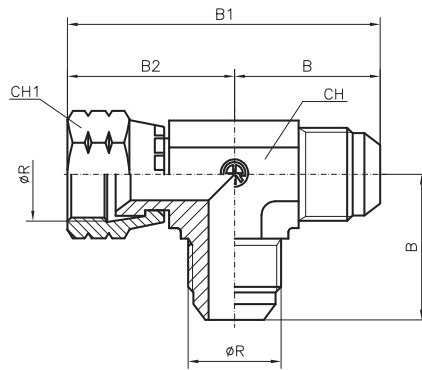
CORPO: "T" DI DERIVAZIONE
CON DADO GIREVOLE JIC

CORPS: "T" DE DERIVATION
ECROU PIVOTANT JIC

BODY: DERIVATING "T"
WITH ROTARY NUT JIC

KÖRPER: ABLEITUNG "T"
MIT DREHMUTTER JIC

CUERPO: TE MACHO FIJO
CON TUERCA LOCA LATERAL JIC



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC 37°	B	B1	B2	CH	CH1	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas									
6	1/4	● ST. 59.00.04	● TST59040404	7/16	22,6	48,3	25,7	11 1)	17	350
8	5/16	● ST. 59.00.05	● TST59050505	1/2	24,1	53,6	28	13 2)	19	350
10	3/8	● ST. 59.00.06	● TST59060606	9/16	26,9	59,4	32,5	14	19	350
12	1/2	● ST. 59.00.08	● TST59080808	3/4	31,8	69,5	36,2	19	24	350
14	-	● ST. 59.00.10	● TST59101010	7/8	36,8	78	41,2	22	27	350
15	-	● ST. 59.00.10	● TST59101010	7/8	36,8	78	41,2	22	27	350
16	5/8	● ST. 59.00.10	● TST59101010	7/8	36,8	78	41,2	22	27	350
18	-	● ST. 59.00.12	● TST59121212	1" 1/16	42,2	89,5	45,8	27	32	350
20	3/4	● ST. 59.00.12	● TST59121212	1" 1/16	42,2	89,5	45,8	27	32	350
25	1"	● ST. 59.00.16	● TST59161616	1" 5/16	46	97,6	51,6	33	38	280
30	-	● ST. 59.00.20	● TST59202020	1" 5/8	52,3	112,2	59,9	41	50	210
32	1" 1/4	● ST. 59.00.20	● TST59202020	1" 5/8	52,3	112,2	59,9	41	50	210
38	1" 1/2	● ST. 59.00.24	● TST59242424	1" 7/8	59,2	125	63,5	48	60	140

1) - 2) AISI 316L CH = 14 B = 26,9 B1 = 55,8/56,9 B2 = 28,5/30

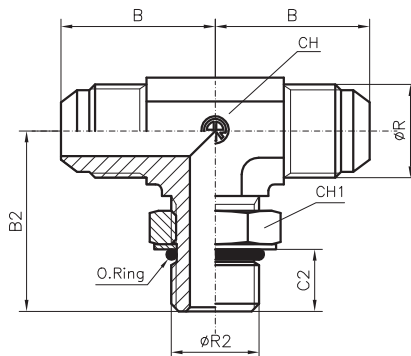
CORPO: "T" MASCHIO DI LINEA UNF 2A

CORPS: "T" MALE DE LIGNE UNF 2A

BODY: "T" MALE LINE UNF 2A

KÖRPER: LINIEN EINSCHRAUB-T UNF 2A

CUERPO: TE-ORIENTABLE CENTRAL UNF 2A



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC 37°	Ø R2 UNF	B	B2	C2	CH	CH1	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas										
6	1/4	● ST. 60.04.04	● TST600404U07	7/16	7/16	22,6	26,2	9	11 1)	14	350
8	5/16	● ST. 60.05.05	● TST600505U08	1/2	1/2	24,1	27,7	9	13 2)	16 3)	350
10	3/8	● ST. 60.06.06	● TST600606U09	9/16	9/16	26,9	31,8	10	14	17	350
12	1/2	● ST. 60.08.08	● TST600808U12	3/4	3/4	31,8	36,8	11	19	22	350
14	-	● ST. 60.10.10	● TST601010U14	7/8	7/8	36,8	43,2	12,7	22	27	350
15	-	● ST. 60.10.10	● TST601010U14	7/8	7/8	36,8	43,2	12,7	22	27	350
16	5/8	● ST. 60.10.10	● TST601010U14	7/8	7/8	36,8	43,2	12,7	22	27	350
18	-	● ST. 60.12.12	● TST601212U17	1" 1/16	1" 1/16	42,2	49,3	15	27	32	350
20	3/4	● ST. 60.12.12	● TST601212U17	1" 1/16	1" 1/16	42,2	49,3	15	27	32	350
25	1"	● ST. 60.16.16	● TST601616U21	1" 5/16	1" 5/16	46	52,1	15	33	38	280
30	-	● ST. 60.20.20	● TST602020U26	1" 5/8	1" 5/8	52,3	57,2	15	41	50	210
32	1" 1/4	● ST. 60.20.20	● TST602020U26	1" 5/8	1" 5/8	52,3	57,2	15	41	50	210
38	1" 1/2	● ST. 60.24.24	● TST602424U30	1" 7/8	1" 7/8	59,2	60,7	15	48	55	140

1) - 2) AISI 316 L CH = 14 B = 26,9 B2 = 30,8
3) AISI 316 L CH1 = 17



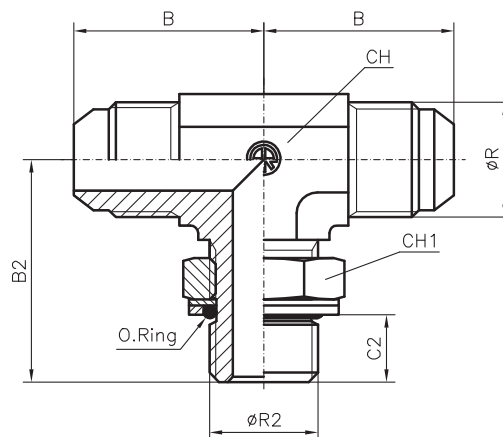
CORPO: "T" MASCHIO DI LINEA BSPP
(GAS CILINDRICO)

CORPS: "T" MALE DE LIGNE BSPP
(GAZ CYLINDRIQUE)

BODY: "T" MALE LINE BSPP
(BSP PARALLEL)

KÖRPER: LINIEN EINSCHRAUB-T BSPP
(BSP ZYLINDRISCH)

CUERPO: TE ORIENTABLE CENTRAL BSPP
(GAS CILINDRICO)



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC 37°	Ø R2 BSPP	B	B2	C2	CH	CH1	PN
mm.	Poll. - Pouces Inch. - Zoll Pulgadas										
6	1/4	● ST. 61.04.02	● TST600404R02	7/16	1/8	22,6	26	6,3	11 1)	14	350
6	1/4	● ST. 61.04.04	● TST600404R04	7/16	1/4	26,7	31,8	9,5	14	19	350
6	1/4	● ST. 61.04.06	● TST600404R06	7/16	3/8	28,5	37	9,5	19	22	350
6	1/4	● ST. 61.04.08	● TST600404R08	7/16	1/2	30,7	43	13	22	27	350
8	5/16	● ST. 61.05.02	● TST600505R02	1/2	1/8	24,1	26	6,3	13 2)	14	350
8	5/16	● ST. 61.05.04	● TST600505R04	1/2	1/4	26,7	31,8	9,5	14	19	350
8	5/16	● ST. 61.05.06	● TST600505R06	1/2	3/8	28,7	36,8	9,5	19	22	350
10	3/8	● ST. 61.06.04	● TST600606R04	9/16	1/4	26,9	32,5	9,5	14	19	350
10	3/8	● ST. 61.06.06	● TST600606R06	9/16	3/8	29	37,5	9,5	19	22	350
10	3/8	● ST. 61.06.08	● TST600606R08	9/16	1/2	31,1	43	13	22	27	350
12	1/2	● ST. 61.08.04	● TST600808R02	3/4	1/4	31,8	33,5	9,5	19	19	350
12	1/2	● ST. 61.08.06	● TST600808R06	3/4	3/8	31,8	37,5	9,5	19	22	350
12	1/2	● ST. 61.08.08	● TST600808R08	3/4	1/2	33,7	43	13	22	27	350
12	1/2	● ST. 61.08.12	● TST600808R12	3/4	3/4	36	49,5	13	27	36	350
14	-	● ST. 61.10.06	● TST601010R06	7/8	3/8	36,8	39,1	9,5	22	22	350
15	-	● ST. 61.10.06	● TST601010R06	7/8	3/8	36,8	39,1	9,5	22	22	350
16	5/8	● ST. 61.10.06	● TST601010R06	7/8	3/8	36,8	39,1	9,5	22	22	350
14	-	● ST. 61.10.08	● TST601010R08	7/8	1/2	36,8	43	13	22	27	350
15	-	● ST. 61.10.08	● TST601010R08	7/8	1/2	36,8	43	13	22	27	350
16	5/8	● ST. 61.10.08	● TST601010R08	7/8	1/2	36,8	43	13	22	27	350
14	-	● ST. 61.10.12	● TST601010R12	7/8	3/4	38,9	49,5	13	27	36	350
15	-	● ST. 61.10.12	● TST601010R12	7/8	3/4	38,9	49,5	13	27	36	350
16	5/8	● ST. 61.10.12	● TST601010R12	7/8	3/4	38,9	49,5	13	27	36	350
18	-	● ST. 61.12.08	● TST601212R08	1" 1/16	1/2	42,2	49,5	13	27	27	250
20	3/4	● ST. 61.12.08	● TST601212R08	1" 1/16	1/2	42,2	49,5	13	27	27	250
18	-	● ST. 61.12.12	● TST601212R12	1" 1/16	3/4	42,2	49,5	13	27	36	250
20	3/4	● ST. 61.12.12	● TST601212R12	1" 1/16	3/4	42,2	49,5	13	27	36	250
18	-	● ST. 61.12.16	● TST601212R16	1" 1/16	1"	44,8	52	16	33	41	250
20	3/4	● ST. 61.12.16	● TST601212R16	1" 1/16	1"	44,8	52	16	33	41	250
25	1"	● ST. 61.16.12	● TST601616R12	1" 5/16	3/4	46	52	13	33	36	250
25	1"	● ST. 61.16.16	● TST601616R16	1" 5/16	1"	46	52	16	33	41	250
25	1"	● ST. 61.16.20	● TST601616R20	1" 5/16	1" 1/4	51	57	16	41	50	250
30	-	● ST. 61.20.16	● TST602020R16	1" 5/8	1"	52,3	57	16	41	41	175
32	1" 1/4	● ST. 61.20.16	● TST602020R16	1" 5/8	1"	52,3	57	16	41	41	175
30	-	● ST. 61.20.20	● TST602020R20	1" 5/8	1" 1/4	52,3	57	16	41	50	175
32	1" 1/4	● ST. 61.20.20	● TST602020R20	1" 5/8	1" 1/4	52,3	57	16	41	50	175
38	1" 1/2	● ST. 61.24.20	● TST602424R20	1" 7/8	1" 1/4	59,2	60,5	16	48	50	140
38	1" 1/2	● ST. 61.24.24	● TST602424R24	1" 7/8	1" 1/2	59,2	60,5	16	48	55	140

1) - 2) AISI 316 L CH = 14 B = 26,9 B2 = 28,5



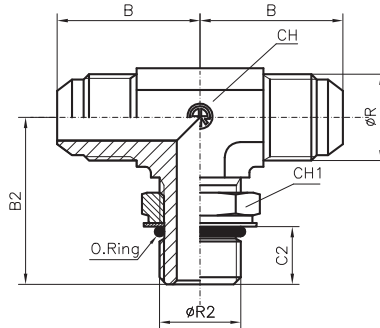
CORPO: "T" MASCHIO DI LINEA METRICO -
ISO 6149-3

CORPS: "T" MALE DE LIGNE METRIQUE -
ISO 6149-3

BODY: "T" MALE LINE METRIC -
ISO 6149-3

KÖRPER: LINIEN EINSCHRAUB-T METRISCH -
ISO 6149-3

CUERPO: TE ORIENTABLE CENTRAL METRICO -
ISO 6149-3



Ø TUBO-TUBE-ROHR		Articolo Article Item	Codice Reference Code	Ø R-UNF JIC 37°	Ø R2 Metrico Metrique Metric	B	B2	C2	CH	CH1	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas	Artikelnummer Artículo	Best-nr Código								
6	1/4	● ST. 62.04.02	● TST600404M10	7/16	10x1	22,6	27	8,5	11 1)	14	350
8	5/16	● ST. 62.05.03	● TST600505M12	1/2	12x1,5	24,1	29	11	13 2)	17	350
10	3/8	● ST. 62.06.04	● TST600606M14	9/16	14x1,5	26,9	34	11	14	19	350
12	1/2	● ST. 62.08.05	● TST600808M16	3/4	16x1,5	31,8	36	11,5	19	22	350
12	1/2	● ST. 62.08.06	● TST600808M18	3/4	18x1,5	31,8	38	12,5	19	24	350
14	-	● ST. 62.10.06	● TST601010M18	7/8	18x1,5	36,8	41,5	12,5	22	24	350
15	-	● ST. 62.10.06	● TST601010M18	7/8	18x1,5	36,8	41,5	12,5	22	24	350
16	5/8	● ST. 62.10.06	● TST601010M18	7/8	18x1,5	36,8	41,5	12,5	22	24	350
14	-	● ST. 62.10.08	● TST601010M22	7/8	22x1,5	36,8	42,5	12,5	22	27	350
15	-	● ST. 62.10.08	● TST601010M22	7/8	22x1,5	36,8	42,5	12,5	22	27	350
16	5/8	● ST. 62.10.08	● TST601010M22	7/8	22x1,5	36,8	42,5	12,5	22	27	350
18	-	● ST. 62.12.08	● TST601212M22	1" 1/16	22x1,5	42,2	45	12,5	27	27	350
20	3/4	● ST. 62.12.08	● TST601212M22	1" 1/16	22x1,5	42,2	45	12,5	27	27	350
18	-	● ST. 62.12.14	● TST601212M27	1" 1/16	27x2	42,2	51	15,5	27	32	350
20	3/4	● ST. 62.12.14	● TST601212M27	1" 1/16	27x2	42,2	51	15,5	27	32	350
25	1"	● ST. 62.16.14	● TST601616M27	1" 5/16	27x2	46	53	15,5	33	32	280

1) - 2) AISI 316L CH = 14 B = 26,9 B2 = 31,5/34

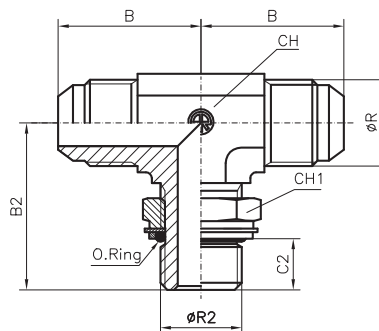
CORPO: "T" MASCHIO DI LINEA METRICO -
RONDELLA TENUTA O-RING

CORPS: "T" MALE DE LIGNE METRIQUE -
RONDELLE D'ETANCHEITE O-RING

BODY: "T" MALE LINE METRIC -
O-RING SEAL RING

KÖRPER: LINIEN EINSCHRAUB-T METRISCH -
BEWEGLICHE UNTERLEGSCHIEBE F.O-RING

CUERPO: TE ORIENTABLE CENTRAL METRICO -
ARANDELA DE RETENCION JUNTA TORICA



Ø TUBO-TUBE-ROHR		Articolo Article Item	Codice Reference Code	Ø R-UNF JIC 37°	Ø R2 Metrico Metrique Metric	B	B2	C2	CH	CH1	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas	Artikelnummer Artículo	Best-nr Código								
6	1/4	● ST. 62.04.02 W	● TST600404M10W	7/16	10x1	22,6	27	7,5	11 1)	14	350
8	5/16	● ST. 62.05.03 W	● TST600505M12W	1/2	12x1,5	24,1	29	9,5	13 2)	17	350
10	3/8	● ST. 62.06.04 W	● TST600606M14W	9/16	14x1,5	26,9	34	9,5	14	19	350
12	1/2	● ST. 62.08.05 W	● TST600808M16W	3/4	16x1,5	31,8	36	10	19	22	350
12	1/2	● ST. 62.08.06 W	● TST600808M18W	3/4	18x1,5	31,8	38	11	19	24	350
14	-	● ST. 62.10.06 W	● TST601010M18W	7/8	18x1,5	36,8	41,5	11	22	24	350
15	-	● ST. 62.10.06 W	● TST601010M18W	7/8	18x1,5	36,8	41,5	11	22	24	350
16	5/8	● ST. 62.10.06 W	● TST601010M18W	7/8	18x1,5	36,8	41,5	11	22	24	350
14	-	● ST. 62.10.08 W	● TST601010M22W	7/8	22x1,5	36,8	42,5	11	22	27	350
15	-	● ST. 62.10.08 W	● TST601010M22W	7/8	22x1,5	36,8	42,5	11	22	27	350
16	5/8	● ST. 62.10.08 W	● TST601010M22W	7/8	22x1,5	36,8	42,5	11	22	27	350
18	-	● ST. 62.12.08 W	● TST601212M22W	1" 1/16	22x1,5	42,2	45	11	27	27	350
20	3/4	● ST. 62.12.08 W	● TST601212M22W	1" 1/16	22x1,5	42,2	45	11	27	27	350
18	-	● ST. 62.12.14 W	● TST601212M27W	1" 1/16	27x2	42,2	51	13,5	27	32	350
20	3/4	● ST. 62.12.14 W	● TST601212M27W	1" 1/16	27x2	42,2	51	13,5	27	32	350
25	1"	● ST. 62.16.14 W	● TST601616M27W	1" 5/16	27x2	46	53	13,5	33	32	250

1) - 2) AISI 316L CH = 14 B = 26,9 B2 = 31,5/34



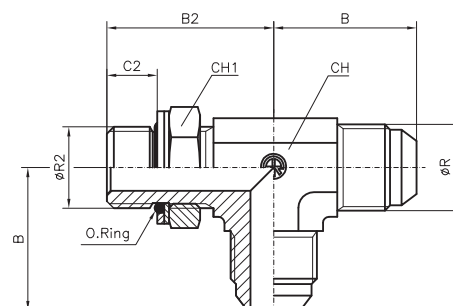
CORPO: "T" MASCHIO DI DERIVAZIONE BSPP
(GAS CILINDRICO)

CORPS: "T" MALE DE DERIVATION BSPP
(GAZ CYLINDRIQUE)

BODY: DERIVATING "T" BSPP
(BSP PARALLEL)

KÖRPER: ABLEITUNG "T" BSPP
(BSP ZYLINDRISCH)

CUERPO: TE ORIENTABLE LATERAL BSPP
(GAS CILINDRICO)



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC 37°	Ø R2 BSPP	B*	B2*	C2	CH	CH1	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas										
6	1/4	● ST. 63.04.02	● TST630404R02	7/16	1/8	22,6	26	6,3	11 1)	14	350
6	1/4	● ST. 63.04.04	● TST630404R04	7/16	1/4	26,7	31,8	9,5	14	19	350
6	1/4	● ST. 63.04.06	● TST630404R06	7/16	3/8	28,5	37	9,5	19	22	350
6	1/4	● ST. 63.04.08	● TST630404R08	7/16	1/2	26,9	43	13	22	27	350
8	5/16	● ST. 63.05.02	● TST630505R02	1/2	1/8	24,1	26	6,3	13 2)	14	350
8	5/16	● ST. 63.05.04	● TST630505R04	1/2	1/4	26,7	31,8	9,5	14	19	350
8	5/16	● ST. 63.05.06	● TST630505R06	1/2	3/8	28,7	36,8	9,5	19	22	350
10	3/8	● ST. 63.06.04	● TST630606R04	9/16	1/4	26,9	32,5	9,5	14	19	350
10	3/8	● ST. 63.06.06	● TST630606R06	9/16	3/8	29	37,5	9,5	19	22	350
10	3/8	● ST. 63.06.08	● TST630606R08	9/16	1/2	31,1	43	13	22	27	350
12	1/2	● ST. 63.08.04	● TST630808R04	3/4	1/4	31,8	33,5	9,5	19	19	350
12	1/2	● ST. 63.08.06	● TST630808R06	3/4	3/8	31,8	37,5	9,5	19	22	350
12	1/2	● ST. 63.08.08	● TST630808R08	3/4	1/2	33,7	43	13	22	27	350
12	1/2	● ST. 63.08.12	● TST630808R12	3/4	3/4	36	49,5	13	27	36	350
14-15-16	5/8	● ST. 63.10.06	● TST631010R06	7/8	3/8	36,8	39,1	9,5	22	22	350
14-15-16	5/8	● ST. 63.10.08	● TST631010R08	7/8	1/2	36,8	43	13	22	27	350
14-15-16	5/8	● ST. 63.10.12	● TST631010R12	7/8	3/4	38,9	49,5	13	27	36	350
18-20	3/4	● ST. 63.12.08	● TST631212R08	1" 1/16	1/2	42,2	45,2	13	27	27	250
18-20	3/4	● ST. 63.12.12	● TST631212R12	1" 1/16	3/4	42,2	49,5	13	27	36	250
18-20	3/4	● ST. 63.12.16	● TST631212R16	1" 1/16	1"	44,8	52	16	33	41	250
25	1"	● ST. 63.16.12	● TST631616R12	1" 5/16	3/4	46	52	13	33	36	250
25	1"	● ST. 63.16.16	● TST631616R16	1" 5/16	1"	46	52	16	33	41	250
25	1"	● ST. 63.16.20	● TST631616R20	1" 5/16	1" 1/4	51	57	16	41	50	250
30-32	1" 1/4	● ST. 63.20.16	● TST632020R16	1" 5/8	1"	52,3	57	16	41	41	175
30-32	1" 1/4	● ST. 63.20.20	● TST632020R20	1" 5/8	1" 1/4	52,3	57	16	41	50	175
38	1" 1/2	● ST. 63.24.20	● TST632424R20	1" 7/8	1" 1/4	59,2	60,5	16	48	50	140
38	1" 1/2	● ST. 63.24.24	● TST632424R24	1" 7/8	1" 1/2	59,2	60,5	16	48	55	140

1) - 2) AISI 316L CH = 14

*Quote non valide per AISI 316L



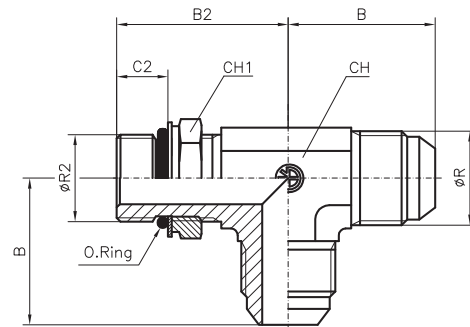
CORPO: "T" MASCHIO DI DERIVAZIONE
METRICO - ISO 6149-3

CORPS: "T" MALE DE DERIVATION
METRIQUE - ISO 6149-3

BODY: DERIVATING "T"
METRIC - ISO 6149-3

KÖRPER: ABLEITUNG "T"
METRISCH - ISO 6149-3

CUERPO: TE ORIENTABLE LATERAL
METRICO - ISO 6149-3



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC 37°	Ø R2 Metrico Métrique Metric Metrisch	B	B2	C2	CH	CH1	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas										
6	1/4	● ST. 64.04.02	● TST630404M10	7/16	10x1	22,6	27	8,5	11 1)	14	350
8	5/16	● ST. 64.05.03	● TST630505M12	1/2	12x1,5	24,1	29	11	13 2)	17	350
10	3/8	● ST. 64.06.04	● TST630606M14	9/16	14x1,5	26,9	34	11	14	19	350
12	1/2	● ST. 64.08.05	● TST630808M16	3/4	16x1,5	31,8	36	11,5	19	22	350
12	1/2	● ST. 64.08.06	● TST630808M18	3/4	18x1,5	31,8	38	12,5	19	24	350
14-15-16	5/8	● ST. 64.10.06	● TST631010M18	7/8	18x1,5	36,8	41,5	12,5	22	24	350
14-15-16	5/8	● ST. 64.10.08	● TST631010M22	7/8	22x1,5	36,8	42,5	12,5	22	27	350
18-20	3/4	● ST. 64.12.08	● TST631212M22	1" 1/16	22x1,5	42,2	45	12,5	27	27	350
18-20	3/4	● ST. 64.12.14	● TST631212M27	1" 1/16	27x2	42,2	51	15,5	27	32	350
25	1"	● ST. 64.16.14	● TST631616M27	1" 5/16	27x2	46	53	15,5	33	32	280

1) - 2) AISI 316L CH = 14 B = 26,9 B2 = 31,5/34

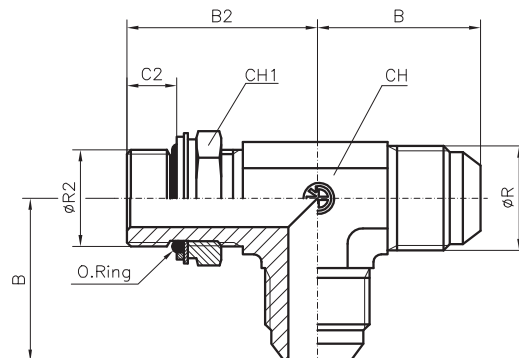
CORPO: "T" MASCHIO DI DERIVAZIONE METRICO -
RONDELLA TENUTA O-RING

CORPS: "T" MALE DE DERIVATION METRIQUE -
RONDELLE D'ETANCHEITE O-RING

BODY: DERIVATING "T" METRIC -
O-RING SEAL RING

KÖRPER: ABLEITUNG "T" METRISCH -
BEWEGLICHE UNTERLEGSCHLEIBE F.O-RING

CUERPO: TE ORIENTABLE LATERAL METRICO -
ARANDELA DE RETENCION JUNTA TORICA

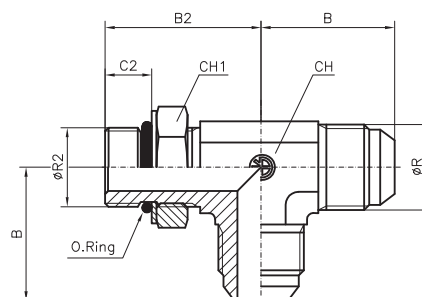


Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC 37°	Ø R2 Metrico Métrique Metric Metrisch	B	B2	C2	CH	CH1	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas										
6	1/4	● ST. 64.04.02 W	● TST630404M10W	7/16	10x1	22,6	27	7,5	11 1)	14	350
8	5/16	● ST. 64.05.03 W	● TST630505M12W	1/2	12x1,5	24,1	29	9,5	13 2)	17	350
10	3/8	● ST. 64.06.04 W	● TST630606M14W	9/16	14x1,5	26,9	34	9,5	14	19	350
12	1/2	● ST. 64.08.05 W	● TST630808M16W	3/4	16x1,5	31,8	36	10	19	22	350
12	1/2	● ST. 64.08.06 W	● TST630808M18W	3/4	18x1,5	31,8	38	11	19	24	350
14-15-16	5/8	● ST. 64.10.06 W	● TST631010M18W	7/8	18x1,5	36,8	41,5	11	22	24	350
14-15-16	5/8	● ST. 64.10.08 W	● TST631010M22W	7/8	22x1,5	36,8	42,5	11	22	27	350
18-20	3/4	● ST. 64.12.08 W	● TST631212M22W	1" 1/16	22x1,5	42,2	45	11	27	27	350
18-20	3/4	● ST. 64.12.14 W	● TST631212M27W	1" 1/16	27x2	42,2	51	13,5	27	32	350
25	1"	● ST. 64.16.14 W	● TST631616M27W	1" 5/16	27x2	46	53	13,5	33	32	250

1) - 2) AISI 316L CH = 14 B = 26,9 B2 = 31,5/34



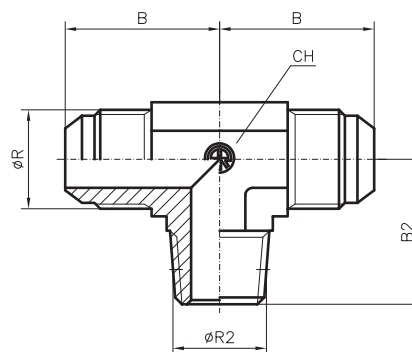
CORPO: "T" MASCHIO DI DERIVAZIONE UNF 2A
CORPS: "T" MALE DE DERIVATION UNF 2A
BODY: DERIVATING "T" UNF 2A
KÖRPER: ABLEITUNG "T" UNF 2A
CUERPO: TE ORIENTABLE LATERAL UNF 2A



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC 37°	Ø R2 UNF	B	B2	C2	CH	CH1	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas										
6	1/4	● ST. 65.04.04	● TST630404U07	7/16	7/16	22,6	26,2	9	11 1)	14	350
8	5/16	● ST. 65.05.05	● TST630505U08	1/2	1/2	24,1	27,7	9	13 2)	16 3)	350
10	3/8	● ST. 65.06.06	● TST630606U09	9/16	9/16	26,9	31,8	10	14	17	350
12	1/2	● ST. 65.08.08	● TST630808U12	3/4	3/4	31,8	36,8	11	19	22	350
14	-	● ST. 65.10.10	● TST631010U14	7/8	7/8	36,8	43,2	12,7	22	27	350
15	-	● ST. 65.10.10	● TST631010U14	7/8	7/8	36,8	43,2	12,7	22	27	350
16	5/8	● ST. 65.10.10	● TST631010U14	7/8	7/8	36,8	43,2	12,7	22	27	350
18	-	● ST. 65.12.12	● TST631212U17	1" 1/16	1" 1/16	42,2	49,3	15	27	32	350
20	3/4	● ST. 65.12.12	● TST631212U17	1" 1/16	1" 1/16	42,2	49,3	15	27	32	350
25	1"	● ST. 65.16.16	● TST631616U21	1" 5/16	1" 5/16	46	52,1	15	33	38	280
30	-	● ST. 65.20.20	● TST632020U26	1" 5/8	1" 5/8	52,3	57,2	15	41	50	210
32	1" 1/4	● ST. 65.20.20	● TST632020U26	1" 5/8	1" 5/8	52,3	57,2	15	41	50	210
38	1" 1/2	● ST. 65.24.24	● TST632424U30	1" 7/8	1" 7/8	59,2	60,7	15	48	55	140

1) - 2) AISI 316L CH = 14 B = 26,9 B2 = 30,8 3) AISI 316L CH1 = 17

CORPO: "T" MASCHIO DI LINEA NPT
CORPS: "T" MALE DE LIGNE NPT
BODY: "T" MALE LINE NPT
KÖRPER: LINIEN EINSCHRAUB-T NPT
CUERPO: TE MACHO CÓNICO NPT



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC 37°	Ø R2 NPT	B	B2	CH	PN	
mm.	Poll.- Pouces Inch.- Zoll Pulgadas									
6	1/4	● ST. 66.04.02	● TST660404N02	7/16	1/8	22,6	19,8	11 1)	350	
6	1/4	● ST. 66.04.04	● TST660404N04	7/16	1/4	26,9	27,7	14	350	
8	5/16	● ST. 66.05.02	● TST660505N02	1/2	1/8	24,1	19,8	13 2)	350	
10	3/8	● ST. 66.06.04	● TST660505N04	9/16	1/4	26,9	27,7	14	350	
10	3/8	● ST. 66.06.06	● TST660606N04	9/16	3/8	29	31	19	350	
12	1/2	● ST. 66.08.06	● TST660606N06	3/4	3/8	31,8	31	19	350	
12	1/2	● ST. 66.08.08	● TST660808N08	3/4	1/2	33,7	37,3	22	350	
14	-	● ST. 66.10.08	● TST661010N08	7/8	1/2	36,8	37,3	22	350	
15	-	● ST. 66.10.08	● TST661010N08	7/8	1/2	36,8	37,3	22	350	
16	5/8	● ST. 66.10.08	● TST661010N08	7/8	1/2	36,8	37,3	22	350	
18	-	● ST. 66.12.12	● TST661212N12	1" 1/16	3/4	42,2	40,4	27	350	
20	3/4	● ST. 66.12.12	● TST661212N12	1" 1/16	3/4	42,2	40,4	27	350	
25	1"	● ST. 66.16.16	● TST661616N16	1" 5/16	1"	46	50	33	280	
30	-	● ST. 66.20.20	● TST662020N20	1" 5/8	1" 1/4	52,3	59,6	41	210	
32	1" 1/4	● ST. 66.20.20	● TST662020N20	1" 5/8	1" 1/4	52,3	59,6	41	210	
38	1" 1/2	● ST. 66.24.24	● TST662424N24	1" 7/8	1" 1/2	59,2	67,1	48	140	

1) - 2) AISI 316L CH = 14 B = 26,9



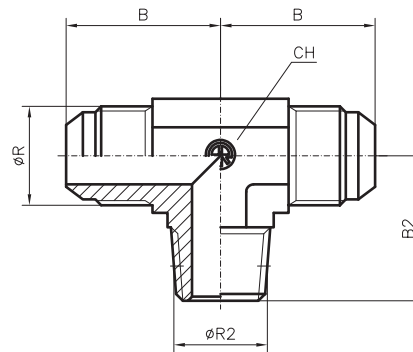
CORPO: "T" MASCHIO DI LINEA BSPT
(GAS CONICO)

CORPS: "T" MALE DE LIGNE BSPT
(GAZ CONIQUE)

BODY: "T" MALE LINE BSPT
(BSP TAPERED)

KÖRPER: LINIEN EINSCHRAUB-T BSPT
(WITHWORTROHRGEWINDE KEGELIG)

CUERPO: TE MACHO CÓNICO BSPT
(GAS CONICO)



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC 37°	Ø R2 BSPT	B	B2	CH	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas								
6	1/4	● ST. 67.04.02	● TST660404K02	7/16	1/8	22,6	19,8	11 1)	350
8	5/16	● ST. 67.05.02	● TST660505K02	1/2	1/8	24,1	19,8	13 2)	350
10	3/8	● ST. 67.06.04	● TST660606K04	9/16	1/4	26,9	27,7	14	350
12	1/2	● ST. 67.08.06	● TST660808K06	3/4	3/8	31,8	31	19	350
14	-	● ST. 67.10.08	● TST661010K08	7/8	1/2	36,8	37,3	22	350
15	-	● ST. 67.10.08	● TST661010K08	7/8	1/2	36,8	37,3	22	350
16	5/8	● ST. 67.10.08	● TST661010K08	7/8	1/2	36,8	37,3	22	350
18	-	● ST. 67.12.12	● TST661212K12	1" 1/16	3/4	42,2	40,4	27	350
20	3/4	● ST. 67.12.12	● TST661212K12	1" 1/16	3/4	42,2	40,4	27	350
25	1"	● ST. 67.16.16	● TST661616K16	1" 5/16	1"	46	50	33	280

1) - 2) AISI 316L CH = 14 B = 26,9

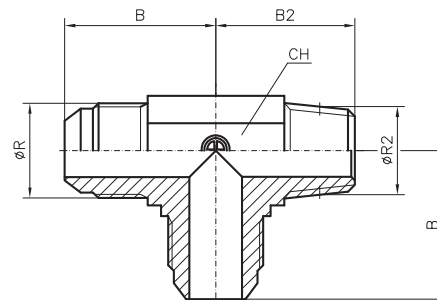
CORPO: T" MASCHIO DI DERIVAZIONE NPT

CORPS: "T" MALE DE DERIVATION NPT

BODY: DERIVATING "T" NPT

KÖRPER: ABLEITUNG "T" NPT

CUERPO: TE MACHO DERIVACION NPT



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC 37°	Ø R2 NPT	B	B2	CH	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas								
6	1/4	● ST. 68.04.02	● TST680404N02	7/16	1/8	22,6	19,8	11 1)	350
6	1/4	● ST. 68.04.04	● TST680404N04	7/16	1/4	26,9	27,7	14	350
8	5/16	● ST. 68.05.02	● TST680505N02	1/2	1/8	24,1	19,8	13 2)	350
10	3/8	● ST. 68.06.04	● TST680606N04	9/16	1/4	26,9	27,7	14	350
10	3/8	● ST. 68.06.06	● TST680606N06	9/16	3/8	29	31	19	350
12	1/2	● ST. 68.08.06	● TST680808N06	3/4	3/8	31,8	31	19	350
12	1/2	● ST. 68.08.08	● TST680808N08	3/4	1/2	33,7	37,3	22	350
14	-	● ST. 68.10.08	● TST681010N08	7/8	1/2	36,8	37,3	22	350
15	-	● ST. 68.10.08	● TST681010N08	7/8	1/2	36,8	37,3	22	350
16	5/8	● ST. 68.10.08	● TST681010N08	7/8	1/2	36,8	37,3	22	350
18	-	● ST. 68.12.12	● TST681212N12	1" 1/16	3/4	42,2	40,4	27	350
20	3/4	● ST. 68.12.12	● TST681212N12	1" 1/16	3/4	42,2	40,4	27	350
25	1"	● ST. 68.16.16	● TST681616N16	1" 5/16	1"	46	50	33	280
30	-	● ST. 68.20.20	● TST682020N20	1" 5/8	1" 1/4	52,3	59,6	41	210
32	1" 1/4	● ST. 68.20.20	● TST682020N20	1" 5/8	1" 1/4	52,3	59,6	41	210
38	1" 1/2	● ST. 68.24.24	● TST682424N24	1" 7/8	1" 1/2	59,2	67,1	48	140

1) - 2) AISI 316L CH = 14 B = 26,9

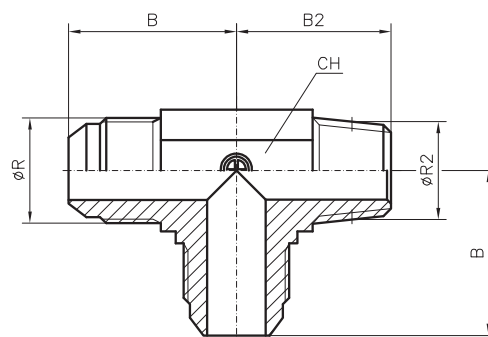
CORPO: "T" MASCHIO DI DERIVAZIONE BSPT
(GAS CONICO)

CORPS: "T" MALE DE DERIVATION BSPT
(GAZ CONIQUE)

BODY: DERIVATING "T" BSPT
(BSP TAPERED)

KÖRPER: ABLEITUNG-T BSPT
(WITHWORTH-ROHRGEWINDE KEGELIG)

CUERPO: TE MACHO DERIVACION BSPT
(GAS CONICO)



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC 37°	Ø R2 BSPT	B	B2	CH	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas								
6	1/4	● ST. 69.04.02	● TST680404K02	7/16	1/8	22,6	19,8	11 1)	350
8	5/16	● ST. 69.05.02	● TST680505K02	1/2	1/8	24,1	19,8	13 2)	350
10	3/8	● ST. 69.06.04	● TST680606K04	9/16	1/4	26,9	27,7	14	350
12	1/2	● ST. 69.08.06	● TST680808K06	3/4	3/8	31,8	31	19	350
14	-	● ST. 69.10.08	● TST681010K08	7/8	1/2	36,8	37,3	22	350
15	-	● ST. 69.10.08	● TST681010K08	7/8	1/2	36,8	37,3	22	350
16	5/8	● ST. 69.10.08	● TST681010K08	7/8	1/2	36,8	37,3	22	350
18	-	● ST. 69.12.12	● TST681212K12	1" 1/16	3/4	42,2	40,4	27	350
20	3/4	● ST. 69.12.12	● TST681212K12	1" 1/16	3/4	42,2	40,4	27	350
25	1"	● ST. 69.16.16	● TST681616K16	1" 5/16	1"	46	50	33	280

1) - 2) AISI 316L CH = 14 B = 26,9

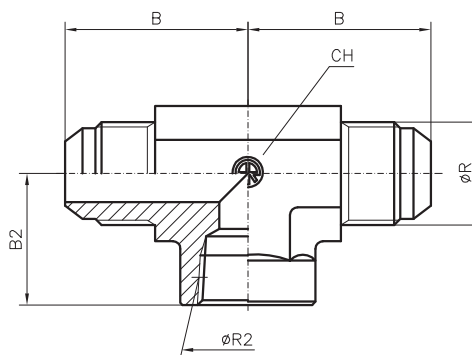
CORPO: "T" DI LINEA FEMMINA NPT

CORPS: "T" MALE DE LIGNE FEMELLE NPT

BODY: "T" MALE LINE FEMALE NPT

KÖRPER: LINIEN EINSCHRAUB-T MUTTERSETTING NPT

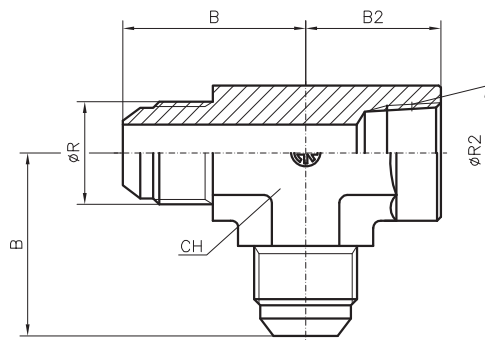
CUERPO: TE HEMBRA CENTRAL NPT



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC 37°	Ø R2 NPT	B	B2	CH	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas								
6	1/4	● ST. 71.04.02	● TST710404N02	7/16	1/8	27,4	16,8	14	350
6	1/4	● ST. 71.04.04	● TST710404N04	7/16	1/4	31	22,4	19	350
8	5/16	● ST. 71.05.02	● TST710505N02	1/2	1/8	27,4	16,8	14	350
10	3/8	● ST. 71.06.04	● TST710606N04	9/16	1/4	31,2	22,4	19	350
12	1/2	● ST. 71.08.06	● TST710808N06	3/4	3/8	36,1	25,9	22	350
14	-	● ST. 71.10.08	● TST711010N08	7/8	1/2	41,7	31,2	27	350
15	-	● ST. 71.10.08	● TST711010N08	7/8	1/2	41,7	31,2	27	350
16	5/8	● ST. 71.10.08	● TST711010N08	7/8	1/2	41,7	31,2	27	350
18	-	● ST. 71.12.12	● TST711212N12	1" 1/16	3/4	48	34,5	33	350
20	3/4	● ST. 71.12.12	● TST711212N12	1" 1/16	3/4	48	34,5	33	350
25	1"	● ST. 71.16.16	● TST711616N16	1" 5/16	1"	55,1	41,4	41	250
30	-	● ST. 71.20.20	● TST712020N20	1" 5/8	1" 1/4	59,2	43,2	48	210
32	1" 1/4	● ST. 71.20.20	● TST712020N20	1" 5/8	1" 1/4	59,2	43,2	48	210



CORPO: "T" DI DERIVAZIONE FEMMINA NPT
CORPS: "T" MALE DE DERIVATION FEMELLE NPT
BODY: DERIVATING "T" FEMALE NPT
KÖRPER: ABLEITUNG "T" MUTTERSETTING NPT
CUERPO: "T" DERIVACION HEMBRA NPT



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-UNF JIC 37°	Ø R2 NPT	B	B2	CH	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas								
6	1/4	● ST. 73.04.02	● TST730404N02	7/16	1/8	27,4	16,8	14	350
6	1/4	● ST. 73.04.04	● TST730404N04	7/16	1/4	31	22,4	19	350
8	5/16	● ST. 73.05.02	● TST730505N02	1/2	1/8	27,4	16,8	14	350
10	3/8	● ST. 73.06.04	● TST730606N04	9/16	1/4	31,2	22,4	19	350
12	1/2	● ST. 73.08.06	● TST730808N06	3/4	3/8	36,1	25,9	22	350
14	-	● ST. 73.10.08	● TST731010N08	7/8	1/2	41,7	31,2	27	350
15	-	● ST. 73.10.08	● TST731010N08	7/8	1/2	41,7	31,2	27	350
16	5/8	● ST. 73.10.08	● TST731010N08	7/8	1/2	41,7	31,2	27	350
18	-	● ST. 73.12.12	● TST731212N12	1" 1/16	3/4	48	34,5	33	350
20	3/4	● ST. 73.12.12	● TST731212N12	1" 1/16	3/4	48	34,5	33	350
25	1"	● ST. 73.16.16	● TST731616N16	1" 5/16	1"	55,1	41,4	41	250
30	-	● ST. 73.20.20	● TST732020N20	1" 5/8	1" 1/4	59,2	43,2	48	210
32	1" 1/4	● ST. 73.20.20	● TST732020N20	1" 5/8	1" 1/4	59,2	43,2	48	210

UTENSILI PER SVASARE: PUNZONI E SERRATUBI

Questi attrezzi vengono usati sulla morsa per la svasatura dei tubi di acciaio da Ø 6 a Ø 38.
Dal tubo Ø 20 occorre l'impiego del punzone presvasatore.

- Sistemare il tubo nel serratubo, in modo che sia allineato alla faccia superiore di questo.
- Procedere alla svasatura battendo col martello sul punzone.
- Capacità: tubi in millimetri da Ø 6x1 a Ø 38x4 mm.
tubi in pollici da 1/4 a 1" 1/2 Ø est.

OUTILS A EVASER: POINÇONS ET BLOQUE-TUBES

Ces outils sont utilisés sur l'étau, pour évasement des tubes en acier de Ø 6 à Ø 38.
Du tube Ø 20, il faut employer le poinçon pré-évasement.

- Arranger le tube dans le bloque-tube de manière que il soit aligné à la face supérieure de ce là.
- Procéder à l'évasement en battant avec le marteau sur le poinçon.
- Capacité: tubes en millimètres de Ø 6x1 à Ø 38 mm.
tubes en polices Ø 1/4 à Ø 1" 1/2.

FLARING TOOLS: PUNCHES AND PIPE TONGS

These tools are used on the vice for flaring dia. 6 to dia. 38 steel pipes.
From dia. 20 pipes upwards it is necessary to use a preflaring punch.

- Put the pipe in the pipe tongs so that it is flush with their upper surface.
- Start flaring by striking the punch with a hammer.
- Capacities: pipes in millimetres from Ø 6x1 to Ø 38x4 mm.
pipes in inches from 1/4 to 1" 1/2 outside Ø.

BÖRDELWERKZEUGE: BÖRDELDORN UND BÖRDELBLOCK

Diese Werkzeuge werden an dem Schraubstock zur Bördelung von Stahlrohren Ø 6 bis Ø 38 verwendet.
Ab Rohrgröße Ø 20 bedarf es eines Vorbördeldorns.

- Das Rohr in den Bördelblock einsetzen, so daß es auf gleicher Höhe mit dessem obrem Teil ist.
- Durch Schlagen mit einem Hammer auf den Bördeldorn die Bördelung vornehmen
- Anwendungsbereich: Rohre Ø 6x1 bis 38x4 mm.
Rohre von 1/4 bis 1" 1/2 Aussen Ø

UTILES PARA ABOCARDAR: PUNZONES Y MORDAZAS

Estas herramientas son utilizadas para el abocardado de los tubos de acero de Ø 6 a Ø 38.
Para el tubo Ø 20 se necesita el punzon preabocardador.

- Colocar el tubo entre las mordazas de forma que resulte alineado con la parte superior de ellas.
- Proceder al abocardado golpeando con el martillo el punzon.
- Capacidad: tubos en milímetros de 6x1 a 38x4 mm.
tubos en pulgadas de 1/4 a 1" 1/2 Ø ext.

TN 352



TN 353



TN 354 - TN 355



Ø E TUBO Ø E TUBE Ø A ROHR mm.	PUNZONEPRESVASATORE POINÇON PREEVASEMENT PRE-FLARING PUNCH VORBÖRDELDORN PUNZON PREABOCARDADOR	PUNZONE POINÇON PUNCH BÖRDELDORN PUNZON	SERRATUBO BLOQUE TUBE TUBE TONGS BÖRDELBLOCK MORZADA	Ø E TUBO Ø E TUBE Ø A ROHR mm.	PUNZONE PRESVASATORE POINÇON PREEVASEMENT PRE-FLARING PUNCH VORBÖRDELDORN PUNZON PREABOCARDADOR	PUNZONE POINÇON PUNCH BÖRDELDORN PUNZON	SERRATUBO BLOQUE TUBE TUBE TONGS BÖRDELBLOCK MORZADA
6	-	TN 353-08	TN 354-06	1/4	-	TN 353-08	TN 355-04
8	-	TN 353-08	TN 354-08	5/16	-	TN 353-08	TN 354-08
10	-	TN 353-08	TN 354-10	3/8	-	TN 353-08	TN 355-06
12	-	TN 353-14	TN 354-12	1/2	-	TN 353-14	TN 355-08
14	-	TN 353-14	TN 354-14	-	-	-	-
15	-	TN 353-14	TN 354-15	-	-	-	-
16	-	TN 353-14	TN 354-16	5/8	-	TN 353-14	TN 355-10
18	-	TN 353-18	TN 354-18	-	-	-	-
20	TN 352-1	TN 353-18	TN 354-20	3/4	TN 352-1	TN 353-18	TN 355-12
25	TN 352-1	TN 353-22	TN 354-25	1"	TN 352-1	TN 353-22	TN 355-16
30	TN 352-1	TN 353-32	TN 354-30	-	TN 352-1	-	-
32	TN 352-1	TN 353-32	TN 354-32	1" 1/4	TN 352-1	TN 353-32	TN 355-20
38	TN 352-1	TN 353-38	TN 354-38	1" 1/2	TN 352-1	TN 353-38	TN 355-24



RACCORDI PER ALTA PRESSIONE FILETTATURA GAS

Il sistema di filettatura di questo tipo di raccordi viene impiegato dalla BRITISH STANDARD PIPE (FILETTATURA GAS WHITWORTH B.S.P.).

L'unione ai tubi della condotta verrà realizzata mediante saldatura in acciaio, autogena o ad arco. Dopo la saldatura dei pezzi, il raffreddamento deve essere graduale.

I tubi normalmente utilizzati sono in acciaio trafilato a freddo senza saldatura per condutture idrauliche.

Nella seguente tabella vengono riportate le sezioni delle condutture per ciascun diametro di filettatura.

RACCORDS POUR HAUTE PRESSION FILETAGE GAZ

Le système de filetage de ce type de raccord est utilisé par BRITISH STANDARD PIPE (FILETAGE GAS WHITWORTH B.S.P.).

L'accouplement des tubes de la conduite se fera par soudure en acier, autogène et à arc.

Après soudage des pièces, le refroidissement doit être progressif.

Les tubes utilisés normalement sont en acier tréfilé à froid sans soudures pour conduites hydrauliques.

Dans les tables suivantes figurent les sections des conduites pour chaque diamètre de filetage.

FITTINGS FOR HIGH PRESSURE GAS THREAD

The thread system in this type of fitting is used by BRITISH STANDARD PIPE (B.S.P. WHITWORTH GAS THREAD).

The pipe/duct joint is effected through autogenous or arc welding with steel. After the pieces have been welded, cooling must be gradual.

Pipes generally used are made out of weldless cold-drawn steel for hydraulic ducts.

The following table shows the duct cross-section each thread diameter.

HOCHDRUCKVERSCHRAUBUNGEN MIT GAS-GEWINDE

Das Gewindesystem dieser Verschraubungen wird von BRITISH STANDARD PIPE (WHITWORTH GAS-GEWINDE B.S.P.) verwendet. Die Verbindung mit den Leitungsrohren erfolgt mit Stahl-, autogen-oder mit Bogenschweißverfahren.

Nach dem Verschweißen der Stücke hat eine stufenweise Kühlung zu erfolgen.

Die in der Regel verwendeten Rohre bestehen aus kaltgezogenem Stahl ohne Schweißstellen für Wasserleitungen.

In der folgenden Tabelle sind die Querschnitte der Leitungen für jeden Gewindedurchmesser aufgeführt.

RACORERIA PARA ALTA PRESIÓN ROSCA GAS

El sistema de rosca de este tipo de racores es el empleado por la BRITISH STANDARD PIPE (ROSCA GAS WHITWORTH B.S.P.).

La unión a los tubos de conducción se realizará soldándolos con acero, a la autógena o al arco; una vez realizada la soldadura no se deberá enfriar bruscamente.

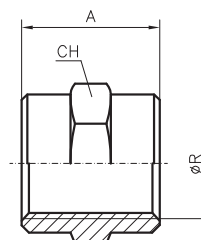
Los tubos que normalmente se utilizarán serán los de conducciones hidráulicas de acero estirado en frío y sin soldadura.

En la tabla adjunta se anotan las secciones de conducción para cada diámetro de rosca:

FILETTATURA DEL RACCORDO FILETAGE DU RACCORD FITTING THREAD ANSCHLUSSGEWINDE ROSCA DEL RACOR	SEZIONE MINIMA CONDUTTURA (cm ²) SECTION MINIMUM CONDUITE (cm ²) MINIMUM DUCT CROSS SECTION (cm ²) MIN. QUERSCHNITT D. LEITUNG (cm ²) SECCIÓN MÍNIMA DE CONDUCCIÓN (cm ²)	a 1,5 m/s à 1,5 m/s at 1,5 m/s bei 1,5 m/s a 1,5 m/seg.	PORTATA MASSIMA l/m DEBIT MAXIMUM l/m MAXIMUM CAPACITY l/m MAX. FÖRDERLEISTUNG l/min CAUDAL MAXIMO l/m DE PASO	a 4 m/s à 4 m/s at 4 m/s bei 4 m/s a 4 m/seg.
1/4"	0,28	2,52	6,72	
3/8"	0,63	5,70	15,10	
1/2"	1,13	10,20	27,10	
3/4"	1,76	15,80	42,20	
1"	3,14	28,20	75,30	
1" 1/4	5,30	47,70	127,00	
1" 1/2	8,55	77,00	205,00	

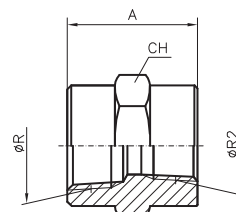


ADATTATORI - BSPP
ADAPTATEURS - BSPP
ADAPTORS - BSPP
ADAPTER - BSPP
ADAPTADORES – BSPP



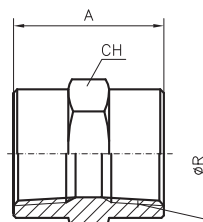
Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-BSPP femmina femelle female mutterseiting hembra	A	CH	PN	
mm	Poll.-Pouces Inch.- Zoll Pulgadas							
-	-	● 34. 00.02.02	● TDDFR02	1/8	18	17	350	
-	-	● 34. 00.04.04	● TDDFR04	1/4	26	19	350	-
-	-	● 34. 00.06.06	● TDDFR06	3/8	27	24	315	
-	-	● 34. 00.08.08	● TDDFR08	1/2	31	30	210	
-	-	● 34. 00.12.12	● TDDFR12	3/4	35	36	210	
-	-	● 34. 00.16.16	● TDDFR16	1"	41	41	120	
-	-	● 34. 00.20.20	● TDDFR20	1" 1/4	45	55	105	
-	-	● 34. 00.24.24	● TDDFR24	1" 1/2	45	60	105	

ADATTATORI RIDOTTI - BSPT
ADAPTATEURS DE REDUCTION - BSPT
REDUCED ADAPTORS - BSPT
ADAPTER REDUZIERUNG - BSPT
ADAPTADORES REDUCIDO - BSPT



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-BSPT femmina femelle female mutterseiting hembra	Ø R2-BSPT femmina femelle female mutterseiting hembra	A	CH	PN
mm	Poll.-Pouces Inch.- Zoll Pulgadas							
-	-	● 34. 01.04.02	● TDFFK04K02	1/4	1/8	24,2	19	420
-	-	● 34. 01.06.02	● TDFFK06K02	3/8	1/8	24,2	22	420
-	-	● 34. 01.06.04	● TDFFK06K04	3/8	1/4	28,7	22	420
-	-	● 34. 01.08.04	● TDFFK08K04	1/2	1/4	34,8	30	350
-	-	● 34. 01.08.06	● TDFFK08K06	1/2	3/8	34,8	30	350
-	-	● 34. 01.12.04	● TDFFK12K04	3/4	1/4	35,6	36	280
-	-	● 34. 01.12.08	● TDFFK12K08	3/4	1/2	38,9	36	280

ADATTATORI - BSPT
ADAPTATEURS - BSPT
ADAPTORS - BSPT
ADAPTER - BSPT
ADAPTADORES - BSPT

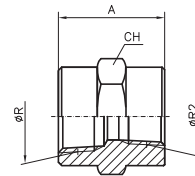


Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-BSPT femmina femelle female mutterseiting hembra	A	CH	PN	
mm	Poll.-Pouces Inch.- Zoll Pulgadas							
-	-	● 34. 02.02.02	● TDFFK02	1/8	19	16 1)	420	
-	-	● 34. 02.04.04	● TDFFK04	1/4	28,7	19	420	
-	-	● 34. 02.06.06	● TDFFK06	3/8	28,7	22	420	
-	-	● 34. 02.08.08	● TDFFK08	1/2	38,1	30	350	
-	-	● 34. 02.12.12	● TDFFK12	3/4	38,9	36	280	
-	-	● 34. 02.16.16	● TDFFK16	1"	48	41	210	
-	-	● 34. 02.20.20	● TDFFK20	1" 1/4	49	50	175	
-	-	● 34. 02.24.24	● TDFFK24	1" 1/2	49	60	140	

1) AISI 316L CH = 17

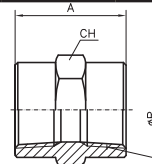


ADATTATORI RIDOTTI NPT
ADAPTATEURS DE REDUCTION NPT
REDUCED ADAPTORS NPT
ADAPTER REDUZIERUNG NPT
ADAPTADORES REDUCIDO NPT



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-NPT femmina femelle female muttersetting hembra	Ø R2-NPT femmina femelle female muttersetting hembra	A	CH	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas							
-	-	● 34. 03.04.02	● TDFFN04N02	1/4	1/8	24,2	19	420
-	-	● 34. 03.06.02	● TDFFN06N02	3/8	1/8	24,2	22	420
-	-	● 34. 03.06.04	● TDFFN06N04	3/8	1/4	28,7	22	420
-	-	● 34. 03.08.04	● TDFFN08N04	1/2	1/4	34,8	30	350
-	-	● 34. 03.08.06	● TDFFN08N06	1/2	3/8	34,8	30	350
-	-	● 34. 03.12.04	● TDFFN12N04	3/4	1/4	35,6	36	280
-	-	● 34. 03.12.08	● TDFFN12N08	3/4	1/2	38,9	36	280

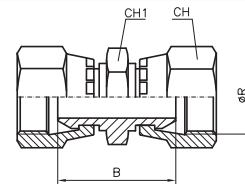
ADATTATORI - NPT
ADAPTATEURS - NPT
ADAPTORS - NPT
ADAPTER - NPT
ADAPTADORES - NPT



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R-NPT femmina femelle female muttersetting hembra	A	CH	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas						
-	-	● 34. 04.02.02	● TDFFN02	1/8	19	16 1)	420
-	-	● 34. 04.04.04	● TDFFN04	1/4	28,7	19	420
-	-	● 34. 04.06.06	● TDFFN06	3/8	28,7	22	420
-	-	● 34. 04.08.08	● TDFFN08	1/2	38,1	30	350
-	-	● 34. 04.12.12	● TDFFN12	3/4	38,9	36	280
-	-	● 34. 04.16.16	● TDFFN16	1"	48	41	210
-	-	● 34. 04.20.20	● TDFFN20	1" 1/4	49	50	175
-	-	● 34. 04.24.24	● TDFFN24	1" 1/2	49	60	140

1) AISI 316L CH = 17

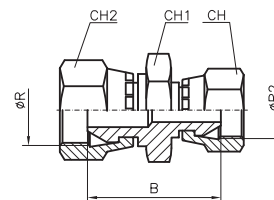
ADATTATORE DIRITTO FEMMINA / FEMMINA DADO GIREVOLE
ADAPTATEURS FEMELLE / FEMELLE ECROU PIVOTANT
ADAPTORS - FEMALE / FEMALE WITH ROTARY NUT
ADAPTER MUTTERSETTING MIT DREHMUTTER
ADAPTADORES HEMBRA / HEMBRA CON TUERCA LOCA



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R BSPP	B	CH	CH1	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas							
-	-	● 34. 11.02.02	● TDGGR02	1/8	31	14	14	350
-	-	● 34. 11.04.04	● TDGGR04	1/4	31	19	19	350
-	-	● 34. 11.06.06	● TDGGR06	3/8	35	22	22	350
-	-	● 34. 11.08.08	● TDGGR08	1/2	39,5	27	27	200
-	-	● 34. 11.10.10	● TDGGR10	5/8	42,5	28 1)	30	200
-	-	● 34. 11.12.12	● TDGGR12	3/4	43,5	32	32	200
-	-	● 34. 11.16.16	● TDGGR16	1"	47,5	38 2)	41	120
-	-	● 34. 11.20.20	● TDGGR20	1" 1/4	56,5	50	50	105
-	-	● 34. 11.24.24	● TDGGR24	1" 1/2	66,5	55	55	105

1) AISI 316L CH = 30 2) AISI 316L CH = 41

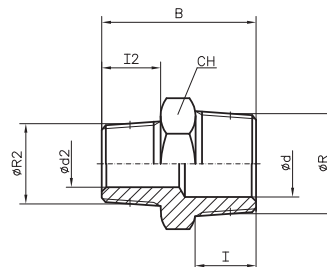
ADATTATORE DIRITTO RIDOTTO FEMMINA / FEMMINA DADO GIREVOLE
ADAPTATEURS DE REDUCTION FEMELLE / FEMELLE ECROU PIVOTANT
REDUCED ADAPTORS - FEMALE / FEMALE WITH ROTARY NUT
ADAPTER REDUZIERUNG MUTTERSETTING MIT DREHMUTTER
ADAPTADORES REDUCIDO HEMBRA / HEMBRA CON TUERCA LOCA



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R BSPP	Ø R2 BSPP	B	CH	CH1	CH2	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas									
-	-	● 34. 12.06.04	● TDGGR06R04	3/8	1/4	33	22	22	19	350
-	-	● 34. 12.08.04	● TDGGR08R04	1/2	1/4	35,5	27	27	19	200
-	-	● 34. 12.08.06	● TDGGR08R06	1/2	3/8	37,5	27	27	22	200
-	-	● 34. 12.12.08	● TDGGR12R08	3/4	1/2	42	32	32	27	200



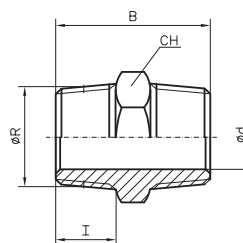
NIPPLO MASCHIO RIDOTTO
FILETTATURA NPT/NPT
UNION DOUBLE DE REDUCTION NPT/NPT
REDUCED MALE NIPPLE
NPT/NPT THREAD
GEWINDE ZAPFEN REDUZIERUNG
NPT/NPT GEWINDE
ENLACE MACHO - REDUCIDO
RECTO ROSCA NPT/NPT



Ø TUBO-TUBE-ROHR		Articolo Article Item	Codice Reference Code	Ø R	Ø R2	Ø d	Ø d2	I	I2	B	CH	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas	Artikelnummer Artículo	Code Best-nr Código	NPT	NPT							
-	-	● 34. 57.04.02	● TDMMN04N02	1/4	1/8	7	4,5	14,2	9,7	32,3	16 1)	420
-	-	● 34. 57.06.02	● TDMMN06N02	3/8	1/8	10	4,5	14,2	9,7	32,3	19	420
-	-	● 34. 57.06.04	● TDMMN06N04	3/8	1/4	10	7	14,2	14,2	36,8	19	420
-	-	● 34. 57.08.04	● TDMMN08N04	1/2	1/4	13,5	7	19	14,2	43,2	22	420
-	-	● 34. 57.08.06	● TDMMN08N06	1/2	3/8	13,5	10	19	14,2	43,2	22	420
-	-	● 34. 57.12.04	● TDMMN12N04	3/4	1/4	18	7	19	14,2	45	30	420
-	-	● 34. 57.12.08	● TDMMN12N08	3/4	1/2	18	13,5	19	19	49,8	30	420
-	-	● 34. 57.16.12	● TDMMN16N12	1"	3/4	23	18	23,9	19	54,5	36	420
-	-	● 34. 57.20.16	● TDMMN20N16	1" 1/4	1"	31	23	24,6	23,9	62,3	46	350

1) AISI 316L CH = 17

NIPPLO MASCHIO DI ESTREMITÀ DIRITTO
FILETTATURA NPT/NPT
UNION SIMPLE NPT/NPT
MALE NIPPLE STUD COUPLING
NPT/NPT THREAD
GEWINDE ZAPFEN
NPT/NPT GEWINDE
ENLACE MACHO - RECTO
ROSCA NPT/NPT

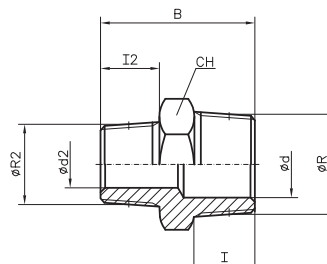


Ø TUBO-TUBE-ROHR		Articolo Article Item	Codice Reference Code	Ø R	Ø d	B	I	CH	PN	
mm.	Poll.- Pouces Inch.- Zoll Pulgadas	Artikelnummer Artículo	Code Best-nr Código	NPT						
-	-	● 34. 58.02.02	● TDMMN02	1/8	4,5	26,9	9,7	11 1)	420	
-	-	● 34. 58.04.04	● TDMMN04	1/4	7	36,8	14,2	16 2)	420	
-	-	● 34. 58.06.06	● TDMMN06	3/8	10	36,8	14,2	19	420	
-	-	● 34. 58.08.08	● TDMMN08	1/2	13,5	48	19	22	420	
-	-	● 34. 58.12.12	● TDMMN12	3/4	18	49,8	19	30	420	
-	-	● 34. 58.16.16	● TDMMN16	1"	23	59,4	23,9	36	420	
-	-	● 34. 58.20.20	● TDMMN20	1" 1/4	31	63	24,6	46	350	
-	-	● 34. 58.24.24	● TDMMN24	1" 1/2	38	66,3	25,4	50	210	
-	-	● 34. 58.32.32	● TDMMN32	2"	49	71,6	26,2	65	210	

1) AISI 316L CH = 12

2) AISI 316L CH = 17

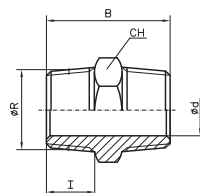
NIPPLO MASCHIO RIDOTTO
FILETTATURA GAS CONICA BSPT
UNION DOUBLE DE REDUCTION BSPT
REDUCED MALE NIPPLE - STRAIGHT COUPLING
BSPT TAPARED THREAD
GEWINDE ZAPFEN REDUZIERUNG
BSPT KONISCH GEWINDE
ENLACE MACHO - REDUCIDO RECTO ROSCA
GAS CONICA BSPT



Ø TUBO-TUBE-ROHR		Articolo Article Item	Codice Reference Code	Ø R	Ø R2	Ø d	Ø d2	I	I2	B	CH	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas	Artikelnummer Artículo	Code Best-nr Código	BSPT	BSPT							
-	-	● 34. 59.04.02	● TDMMK04K02	1/4	1/8	7	4,5	13	10	32,3	14	420
-	-	● 34. 59.06.02	● TDMMK06K02	3/8	1/8	10	4,5	13	10	33,8	17	420
-	-	● 34. 59.06.04	● TDMMK06K04	3/8	1/4	10	7	13	13	36,8	17	420
-	-	● 34. 59.08.04	● TDMMK08K04	1/2	1/4	13,5	7	16	13	43,2	22	420
-	-	● 34. 59.08.06	● TDMMK08K06	1/2	3/8	13,5	10	16	13	43,2	22	420
-	-	● 34. 59.12.04	● TDMMK12K04	3/4	1/4	18	7	18	13	46,8	27	420
-	-	● 34. 59.12.08	● TDMMK12K08	3/4	1/2	18	13,5	18	16	49,8	27	420
-	-	● 34. 59.16.12	● TDMMK16K12	1"	3/4	23	18	20	18	54,5	36	420
-	-	● 34. 59.20.16	● TDMMK20K16	1" 1/4	1"	31	23	21	20	62	46	350



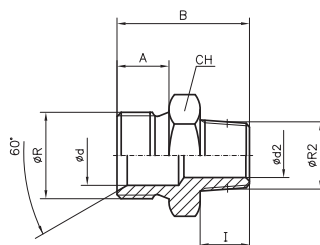
NIPPLO MASCHIO DI ESTREMITÀ DIRITTO
FILETTATURA GAS CONICA BSPT
UNION SIMPLE BSPT
MALE NIPPLE STUD COUPLING BSPT THREAD
GEWINDEZAPFEN BSPT GEWINDE
ENLACE MACHO - RECTO ROSCA BSPT



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R BSPT	Ø d	B	I	CH	PN	
mm.	Poll.- Pouces Inch.- Zoll Pulgadas									
-	-	● 34. 60.02.02	● TDMMK02	1/8	4,5	26,9	10	11 1)	420	
-	-	● 34. 60.04.04	● TDMMK04	1/4	7	36,8	13	14	420	
-	-	● 34. 60.06.06	● TDMMK06	3/8	10	36,8	13	17	420	
-	-	● 34. 60.08.08	● TDMMK08	1/2	13,5	48	16	22	420	
-	-	● 34. 60.12.12	● TDMMK12	3/4	18	49,8	18	27	420	
-	-	● 34. 60.16.16	● TDMMK16	1"	23	59,4	20	36	420	
-	-	● 34. 60.20.20	● TDMMK20	1" 1/4	31	63	21	46	350	
-	-	● 34. 60.24.24	● TDMMK24	1" 1/2	38	66,3	22	50	210	
-	-	● 34. 60.32.32	● TDMMK32	2"	49	71,6	25	65	210	

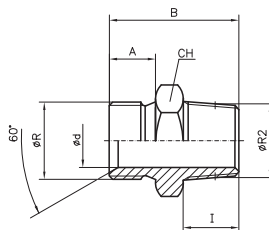
1) AISI 316L CH = 12

NIPPLO MASCHIO RIDOTTO
FILETTATURA GAS CILINDRICA BSPP/NPT
UNION DOUBLE DE REDUCTION BSPP/NPT
REDUCED MALE NIPPLE STRAIGHT
COUPLING BSPP PARALLEL THREAD/NPT
GEWINDEZAPFEN REDUZIERUNG BSPP
GEWINDE ZYLINDRISCH/NPT
ENLACE MACHO - REDUCIDO RECTO
ROSCA GAS CILINDRICA BSPP/NPT



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R BSPP	Ø R2 NPT	Ø d	Ø d2	B	A	I	CH	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas											
-	-	● 34. 64.02.04	● TDMMR02N04	1/8	1/4	4	4	32,2	10	14,2	17	350
-	-	● 34. 64.04.02	● TDMMR04N02	1/4	1/8	6	4	28,7	11	9,7	17	350
-	-	● 34. 64.04.06	● TDMMR04N06	1/4	3/8	6	6	34,7	11	14,2	19	350
-	-	● 34. 64.06.04	● TDMMR06N04	3/8	1/4	8	6	36,7	13	14,2	19	350
-	-	● 34. 64.06.08	● TDMMR06N08	3/8	1/2	8	8	42	13	19	24	350
-	-	● 34. 64.08.06	● TDMMR08N06	1/2	3/8	11	8	38,2	14	14,2	24	200
-	-	● 34. 64.08.12	● TDMMR08N12	1/2	3/4	11	11	43	14	19	32	200
-	-	● 34. 64.12.08	● TDMMR12N08	3/4	1/2	17	11	46	17	19	32	200
-	-	● 34. 64.12.16	● TDMMR12N16	3/4	1"	17	17	52,9	17	23,9	41	200
-	-	● 34. 64.16.12	● TDMMR16N12	1"	3/4	23	17	51	20	19	41	120
-	-	● 34. 64.16.20	● TDMMR16N20	1"	1" 1/4	23	31	56,6	20	24,6	46	120
-	-	● 34. 64.20.24	● TDMMR20N24	1" 1/4	1" 1/2	30	38	60	21	25,4	50	105

NIPPLO MASCHIO DI ESTREMITÀ DIRITTO
FILETTATURA GAS CILINDRICA BSPP/NPT
UNION SIMPLE BSPP/NPT
MALE NIPPLE STUD COUPLING
BSPP PARALLEL/NPT
GEWINDEZAPFEN BSPP GEWINDE
ZYLINDRISCH/NPT
ENLACE MACHO - RECTO
ROSCA GAS CILINDRICA BSPP/NPT



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R BSPP	Ø R2 NPT	Ø d	B	A	I	CH	PN	
mm.	Poll.- Pouces Inch.- Zoll Pulgadas											
-	-	● 34. 65.02.02	● TDMMR02N02	1/8	1/8	4	25,7	10	9,7	12	350	
-	-	● 34. 65.04.04	● TDMMR04N04	1/4	1/4	6	33,2	11	14,2	17	350	
-	-	● 34. 65.06.06	● TDMMR06N06	3/8	3/8	8	36,7	13	14,2	19	350	
-	-	● 34. 65.08.08	● TDMMR08N08	1/2	1/2	11	43	14	19	24	200	
-	-	● 34. 65.12.12	● TDMMR12N12	3/4	3/4	17	46	17	19	32	200	
-	-	● 34. 65.16.16	● TDMMR16N16	1"	1"	23	55,9	20	23,9	41	120	
-	-	● 34. 65.20.20	● TDMMR20N20	1" 1/4	1" 1/4	30	58,6	21	24,6	50	105	
-	-	● 34. 65.24.24	● TDMMR24N24	1" 1/2	1" 1/2	35	63,4	22	25,4	55	105	
-	-	● 34. 65.32.32	● TDMMR32N32	2"	2"	46	68,2	25	26,2	65	70	

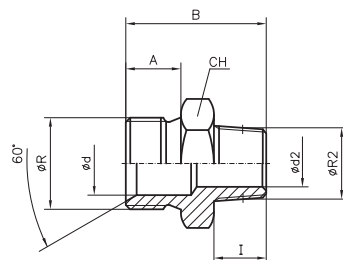


NIPLO MASCHIO RIDOTTO
FILETTATURA GAS CILINDRICA - GAS CONICA
UNION DOUBLE DE REDUCTION
BSPP/BSPT

REDUCED MALE NIPPLE STRAIGHT COUPLING
BSPP PARALLEL - BSP TAPERED THREAD

GEWINDEZAPFEN REDUZIERUNG BSPP
GEWINDE ZYLINDRISCH BSP KONISCH

ENLACE MACHO - REDUCIDO RECTO
ROSCA GAS CILINDRICA - GAS CONICA



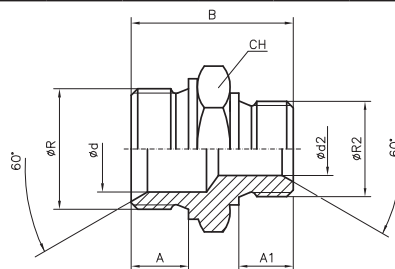
Ø TUBO-TUBE-ROHR		Articolo Article Item	Codice Reference Code	Ø R BSPP	Ø R2 BSPT	Ø d	Ø d2	B	A	I	CH	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas	Artikelnummer Artículo	Best-nr Código									
-	-	● 34. 66.02.04	● TDMMR02K04	1/8	1/4	4	4	31	10	13	17	350
-	-	● 34. 66.04.02	● TDMMR04K02	1/4	1/8	6	4	29	11	10	17	350
-	-	● 34. 66.04.06	● TDMMR04K06	1/4	3/8	6	6	33,5	11	13	19	350
-	-	● 34. 66.06.04	● TDMMR06K04	3/8	1/4	8	6	35,5	13	13	19	350
-	-	● 34. 66.06.08	● TDMMR06K08	3/8	1/2	8	8	39	13	16	24	200
-	-	● 34. 66.08.06	● TDMMR08K06	1/2	3/8	11	8	37	14	13	24	200
-	-	● 34. 66.08.12	● TDMMR08K12	1/2	3/4	11	14	42	14	18	27	200
-	-	● 34. 66.10.08	● TDMMR10K08	5/8	1/2	14	11	41	15	16	27	200
-	-	● 34. 66.10.12	● TDMMR10K12	5/8	3/4	14	14	43	15	18	32	200
-	-	● 34. 66.12.08	● TDMMR12K08	3/4	1/2	17	11	43	17	16	32	200
-	-	● 34. 66.12.16	● TDMMR12K16	3/4	1"	17	17	49	17	20	41	120
-	-	● 34. 66.16.12	● TDMMR16K12	1"	3/4	23	17	50	20	18	41	120
-	-	● 34. 66.16.20	● TDMMR16K20	1"	1" 1/4	23	31	53	20	21	46	120
-	-	● 34. 66.20.24	● TDMMR20K24	1" 1/4	1" 1/2	30	35	56	20	22	50	105

NIPLO MASCHIO RIDOTTO - INTERMEDIO DIRITTO
FILETTATURA GAS CILINDRICA BSP
UNION DOUBLE
DE REDUCTION BSPP

REDUCED MALE NIPPLE STRAIGHT COUPLING
BSP PARALLEL THREAD

GEWINDEZAPFEN REDUZIERUNG BSP
GEWINDE ZYLINDRISCH

ENLACE MACHO - REDUCIDO RECTO
ROSCA GAS CILINDRICA BSP



Ø TUBO-TUBE-ROHR		Articolo Article Item	Codice Reference Code	Ø R BSPP	Ø R2 BSPP	Ø d	Ø d2	B	A	A1	CH	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas	Artikelnummer Artículo	Best-nr Código									
-	-	● 34. 67.04.02	● TDMMR04R02	1/4	1/8	6	4	28,5	11	8	19	350
-	-	● 34. 67.06.02	● TDMMR06R02	3/8	1/8	8	4	30,5	12	8	22	350
-	-	● 34. 67.06.04	● TDMMR06R04	3/8	1/4	8	6	33,5	12	11	22	350
-	-	● 34. 67.08.02	● TDMMR08R02	1/2	1/8	11	4	36,5	14	8	27	200
-	-	● 34. 67.08.04	● TDMMR08R04	1/2	1/4	11	6	36,5	14	11	27	200
-	-	● 34. 67.08.06	● TDMMR08R06	1/2	3/8	11	8	38	14	12	27	200
-	-	● 34. 67.10.04	● TDMMR10R04	5/8	1/4	14	6	39	16	11	30	200
-	-	● 34. 67.10.06	● TDMMR10R06	5/8	3/8	14	8	40	16	12	30	200
-	-	● 34. 67.10.08	● TDMMR10R08	5/8	1/2	14	11	42	16	14	30	200
-	-	● 34. 67.12.04	● TDMMR12R04	3/4	1/4	17	6	40	16	11	32	200
-	-	● 34. 67.12.06	● TDMMR12R06	3/4	3/8	17	8	41	16	12	32	200
-	-	● 34. 67.12.08	● TDMMR12R08	3/4	1/2	17	11	43,5	16	14	32	200
-	-	● 34. 67.12.10	● TDMMR12R10	3/4	5/8	17	14	45,5	16	16	32	200
-	-	● 34. 67.16.04	● TDMMR16R04	1"	1/4	23	6	44,5	19	11	41	120
-	-	● 34. 67.16.06	● TDMMR16R06	1"	3/8	23	8	45,5	19	12	41	120
-	-	● 34. 67.16.08	● TDMMR16R08	1"	1/2	23	11	47,5	19	14	41	120
-	-	● 34. 67.16.10	● TDMMR16R10	1"	5/8	23	14	49,5	19	16	41	120
-	-	● 34. 67.16.12	● TDMMR16R12	1"	3/4	23	17	49,5	19	16	41	120
-	-	● 34. 67.20.08	● TDMMR20R08	1" 1/4	1/2	30	11	51,5	20	14	50	105
-	-	● 34. 67.20.10	● TDMMR20R10	1" 1/4	5/8	30	14	53,5	20	16	50	105
-	-	● 34. 67.20.12	● TDMMR20R12	1" 1/4	3/4	30	17	53,5	20	16	50	105
-	-	● 34. 67.20.16	● TDMMR20R16	1" 1/4	1"	30	23	56,5	20	19	50	105
-	-	● 34. 67.24.08	● TDMMR24R08	1" 1/2	1/2	35	11	53,5	22	14	55	105
-	-	● 34. 67.24.12	● TDMMR24R12	1" 1/2	3/4	35	17	55,5	22	16	55	105
-	-	● 34. 67.24.16	● TDMMR24R16	1" 1/2	1"	35	23	58,5	22	19	55	105
-	-	● 34. 67.24.20	● TDMMR24R20	1" 1/2	1" 1/4	35	30	59,5	22	20	55	105
-	-	● 34. 67.32.16	● TDMMR32R16	2"	1"	46	23	62	25	19	70	70
-	-	● 34. 67.32.20	● TDMMR32R20	2"	1" 1/4	46	30	63	25	20	70	70
-	-	● 34. 67.32.24	● TDMMR32R24	2"	1" 1/2	46	35	65	25	22	70	70



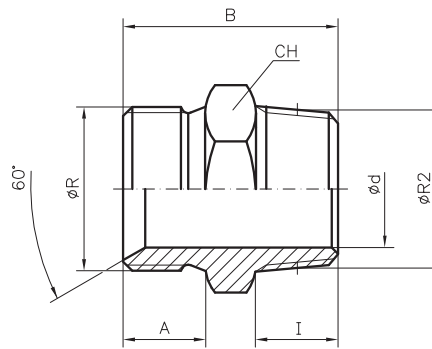
NIPPLO MASCHIO - DI ESTREMITÀ DIRITTO
FILETTATURA GAS CILINDRICA - GAS CONICA

UNION SIMPLE
BSPP/BSPT

MALE NIPPLE STUD COUPLING
BSP PARALLEL - BSP TAPERED THREAD

GEWINDEZAPFEN BSP
ZYLINDRISCH BSP KONISCH

ENLACE MACHO - RECTO ROSCA
GAS CILINDRICA - GAS CONICA



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R BSPP	Ø R2 BSPT	Ø d	B	A	I	CH	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas										
-	-	● 34. 68.02.02	● TDMMR02K02	1/8	1/8	4	26	10	10	12	350
-	-	● 34. 68.04.04	● TDMMR04K04	1/4	1/4	6	32	11	13	17	350
-	-	● 34. 68.06.06	● TDMMR06K06	3/8	3/8	8	35,5	13	13	19	350
-	-	● 34. 68.08.08	● TDMMR08K08	1/2	1/2	11	40	14	16	24	200
-	-	● 34. 68.12.12	● TDMMR12K12	3/4	3/4	17	45	17	18	32	200
-	-	● 34. 68.16.16	● TDMMR16K16	1"	1"	23	52	20	20	41	120
-	-	● 34. 68.20.20	● TDMMR20K20	1" 1/4	1" 1/4	30	55	21	21	46	105
-	-	● 34. 68.24.24	● TDMMR24K24	1" 1/2	1" 1/2	35	58	22	22	55	105
-	-	● 34. 68.32.32	● TDMMR32K32	2"	2"	46	66	25	25	65	70

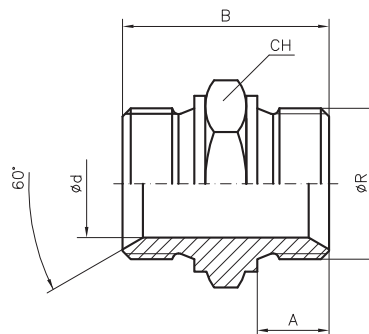
NIPPLO MASCHIO - INTERMEDIO DIRITTO
FILETTATURA GAS CILINDRICA

UNION DOUBLE
BSPP

MALE NIPPLE STRAIGHT COUPLING
BSP PARALLEL THREAD

GEWINDEZAPFEN BSPP

ENLACE MACHO - RECTO ROSCA
GAS CILINDRICO



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R BSPP	Ø d	B	A	CH	PN	
mm.	Poll.- Pouces Inch.- Zoll Pulgadas									
-	-	● 34. 69.02.02	● TDMMR02	1/8	4	26,5	9	14	350	
-	-	● 34. 69.04.04	● TDMMR04	1/4	6	32	11	19	350	
-	-	● 34. 69.06.06	● TDMMR06	3/8	8	35	12	22	350	
-	-	● 34. 69.08.08	● TDMMR08	1/2	11	40,5	14	27	200	
-	-	● 34. 69.10.10	● TDMMR10	5/8	14	44,5	16	30	200	
-	-	● 34. 69.12.12	● TDMMR12	3/4	17	45,5	16	32	200	
-	-	● 34. 69.16.16	● TDMMR16	1"	23	52,5	19	41	120	
-	-	● 34. 69.20.20	● TDMMR20	1" 1/4	30	57,5	20	50	105	
-	-	● 34. 69.24.24	● TDMMR24	1" 1/2	35	61,5	22	55	105	
-	-	● 34. 69.32.32	● TDMMR32	2"	46	68,5	25	70	70	



RIDUZIONE BSPP
CONO 60°

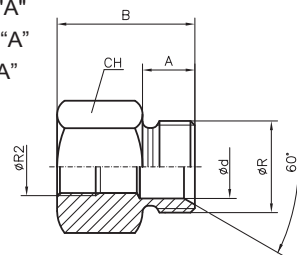
INTERMEDIAIRE DE REDUCTION BSPP
SURFACE 60°

STUD ADAPTORS BSPP
CONED 60°

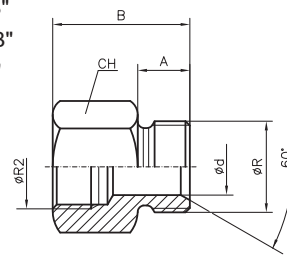
BSPP REDUZIERUNG / ERWEITERUNG
MIT 60°- KONUS

RACOR DE REDUCCIÓN ROSCADO BSPP
ASIENTO 60°

TIPO "A"
TYPE "A"
TYP "A"

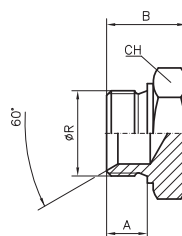


TIPO "B"
TYPE "B"
TYP "B"

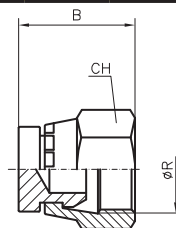


Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R BSPP	Ø R2 BSPP	Ø d	B	A	CH	PN	Tipo Type Typ
mm.	Poll.- Pouces Inch.- Zoll Pulgadas										
-	-	● 34. 73.06.04	● TDFMR04R06	3/8	1/4	8	37	12	22	350	B
-	-	● 34. 73.08.04	● TDFMR04R08	1/2	1/4	11	38	14	27	200	A
-	-	● 34. 73.08.06	● TDFMR06R08	1/2	3/8	11	45	14	30	200	B
-	-	● 34. 73.12.06	● TDFMR06R12	3/4	3/8	17	41,5	16	32	200	A
-	-	● 34. 73.12.08	● TDFMR08R12	3/4	1/2	17	47	16	32	200	B
-	-	● 34. 73.16.04	● TDFMR04R16	1"	1/4	23	43	19	41	120	A
-	-	● 34. 73.16.06	● TDFMR06R16	1"	3/8	23	44,5	19	41	120	A
-	-	● 34. 73.16.08	● TDFMR08R16	1"	1/2	23	50	19	41	120	A
-	-	● 34. 73.16.12	● TDFMR12R16	1"	3/4	23	52	19	41	120	B

TAPPO MASCHIO
OBTURATEUR MALE
MALE PLUG
VERSCHLUSS BUTZEN
TAPÓN MACHO



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R BSPP	B	A	CH	PN	
mm.	Poll.- Pouces Inch.- Zoll Pulgadas								
-	-	● 34. 75.00.02	● TDMR02	1/8	14,5	9	14	350	
-	-	● 34. 75.00.04	● TDMR04	1/4	19	11	19	350	
-	-	● 34. 75.00.06	● TDMR06	3/8	20,5	12	22	350	
-	-	● 34. 75.00.08	● TDMR08	1/2	24	14	27	200	
-	-	● 34. 75.00.10	● TDMR10	5/8	26	16	30	200	
-	-	● 34. 75.00.12	● TDMR12	3/4	26,5	16	32	200	
-	-	● 34. 75.00.16	● TDMR16	1"	30,5	19	41	120	
-	-	● 34. 75.00.20	● TDMR20	1" 1/4	39	20	50	105	
-	-	● 34. 75.00.24	● TDMR24	1" 1/2	43	22	55	105	
-	-	● 34. 75.00.32	● TDMR32	2"	48,5	25	70	70	



TAPPO FEMMINA
OBTURATEUR FEMELLE
FEMALE PLUG
VERSCHLUSS KAPPE
TAPÓN HEMBRA

Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R BSPP	B	CH	PN	
mm.	Poll.- Pouces Inch.- Zoll Pulgadas							
-	-	● 34. 76.00.02	● TDGR02	1/8	19,6	14	350	
-	-	● 34. 76.00.04	● TDGR04	1/4	20,7	19	350	
-	-	● 34. 76.00.06	● TDGR06	3/8	24,3	22	350	
-	-	● 34. 76.00.08	● TDGR08	1/2	26,4	27	200	
-	-	● 34. 76.00.10	● TDGR10	5/8	28,5	28 1)	200	
-	-	● 34. 76.00.12	● TDGR12	3/4	30,5	32	200	
-	-	● 34. 76.00.16	● TDGR16	1"	34,5	38 2)	120	
-	-	● 34. 76.00.20	● TDGR20	1" 1/4	42,5	50	105	
-	-	● 34. 76.00.24	● TDGR24	1" 1/2	45	55	105	

1) AISI 316L CH = 30 2) AISI 316L CH = 41



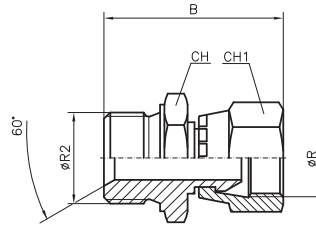
ADATTATORE DIRITTO MASCHIO GAS CIL.
SVASATO 60° - FEMMINA GIREVOLE OGIVA 60°

ADAPTEUR DROIT FBSPP 60°
HBSPP 60°

STRAIGHT ADAPTER MALE BSPP CONED 60°
FEMALE CAP SURFACE 60°

AUSSENGEWINDE ÜBERWURFMUTTER
BSPP ADAPTER

ADAPTADOR MACHO TUERCA ROSCA
GAS ASIENTO 60°



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R BSPP	Ø R2 BSPP	B	CH1	CH	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas								
-	-	● 600.01.02.02	● TDMGR02R02	1/8	1/8	33	14	14	350
-	-	● 600.01.04.04	● TDMGR04R04	1/4	1/4	36	19	19	350
-	-	● 600.01.06.06	● TDMGR06R06	3/8	3/8	41	22	22	350
-	-	● 600.01.08.08	● TDMGR08R08	1/2	1/2	46	27	27	200
-	-	● 600.01.10.10	● TDMGR10R10	5/8	5/8	50	28 1)	30	200
-	-	● 600.01.12.12	● TDMGR12R12	3/4	3/4	52	32	32	200
-	-	● 600.01.16.16	● TDMGR16R16	1"	1"	60	38/41	41	120
-	-	● 600.01.20.20	● TDMGR20R20	1" 1/4	1" 1/4	69	50	50	105
-	-	● 600.01.24.24	● TDMGR24R24	1" 1/2	1" 1/2	75	55	55	70

1) AISI 316L CH = 30

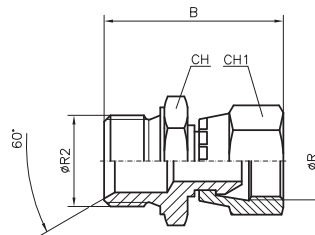
ADATTATORE DIRITTO RIDOTTO MASCHIO GAS CIL.
SVASATO 60° - FEMMINA GIREVOLE OGIVA 60°

ADAPTEUR DE REDUCTION DROIT FBSPP 60°
HBSPP 60°

REDUCED STRAIGHT ADAPTER MALE BSPP CONED 60°
FEMALE CAP SURFACE 60°

AUSSENGEWINDE ÜBERWURFMUTTER
BSPP ADAPTER REDUZIERUNG

ADAPTADOR REDUCIDO MACHO TUERCA ROSCA
GAS ASIENTO 60°



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R2 BSPP	Ø R BSPP	B	CH1	CH	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas								
-	-	● 600.02.04.06	● TDMGR04R06	1/4	3/8	39,5	22	22	350
-	-	● 600.02.06.04	● TDMGR06R04	3/8	1/4	38	19	22	350
-	-	● 600.02.06.08	● TDMGR06R08	3/8	1/2	43	27	27	200
-	-	● 600.02.08.04	● TDMGR08R04	1/2	1/4	41	19	27	200
-	-	● 600.02.08.06	● TDMGR08R06	1/2	3/8	44	22	27	200
-	-	● 600.02.08.12	● TDMGR08R12	1/2	3/4	49	32	32	200
-	-	● 600.02.12.08	● TDMGR12R08	3/4	1/2	49	27	32	200
-	-	● 600.02.16.12	● TDMGR16R12	1"	3/4	56	32	41	120

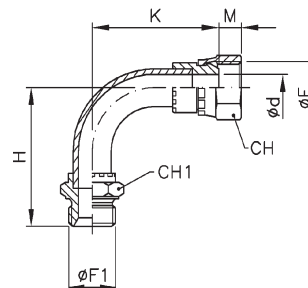
CORPO: ADATTATORE 90° MASCHIO GAS CIL. SVASATO 60°
FEMMINA GIREVOLE OGIVA 60°

CORPS: CONED 90° HBSPP 60° FBSP 60°

BODY: ADAPTER 90° CYLINDRICAL MALE CONED 60° FEMALE
CAP SURFACE 60°

KÖRPER: 90° AUSSENGEWINDE ÜBERWURFMUTTER
BSP ADAPTER 60°

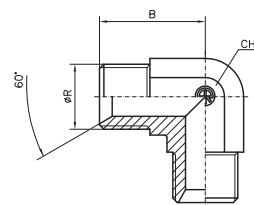
CUERPO: ADAPTADOR 90° MACHO - TUERCA ROSCA
GAS ASIENTO 60°



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø F BSPP	Ø F1 BSPP	H	K	CH	CH1	Ø d	M	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas											
-	-	● 600.03.04.04	● T9MGR04L	1/4	1/4	37	32,5	19	19	5	4,5	350
-	-	● 600.03.06.06	● T9MGR06L	3/8	3/8	44,5	41,5	22	22	7		350
-	-	● 600.03.08.08	● T9MGR08L	1/2	1/2	50,5	46,5	27	27	10	6,5	200
-	-	● 600.03.10.10	● T9MGR10L	5/8	5/8	57	53	28	30	12,5	9,5	200
-	-	● 600.03.12.12	● T9MGR12L	3/4	3/4	62,5	57,5	32	32	15,5	8,5	200
-	-	● 600.03.16.16	● T9MGR16L	1"	1"	75,5	67	38/41	41	20	10,5	120
-	-	● 600.03.20.20	● T9MGR20L	1" 1/4	1" 1/4	85,5	77	50	50	26	10	120



UNIONE GOMITO 90°
UNIONE CODE 90°
ELBOW COUPLING 90°
WINKELVERSCHRAUBUNG 90°
UNION CODO MACHO 90°

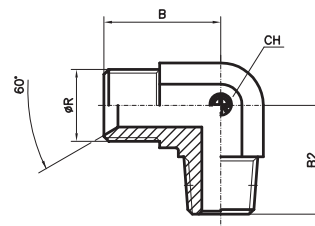


Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R BSPP	B	CH	PN	
mm.	Poll.- Pouces Inch.- Zoll Pulgadas							
-	-	● 60. 01.02.02	● T9MMR02	1/8	21 ¹⁾	11 ¹⁾	350	
-	-	● 60. 01.04.04	● T9MMR04	1/4	27	14	350	
-	-	● 60. 01.06.06	● T9MMR06	3/8	29	19	350	
-	-	● 60. 01.08.08	● T9MMR08	1/2	35	22	200	
-	-	● 60. 01.10.10	● T9MMR10	5/8	38	27	200	
-	-	● 60. 01.12.12	● T9MMR12	3/4	43	27	200	
-	-	● 60. 01.16.16	● T9MMR16	1"	45,5	33	120	
-	-	● 60. 01.20.20	● T9MMR20	1" 1/4	52	41	105	
-	-	● 60. 01.24.24	● T9MMR24	1" 1/2	59	48	105	

1) AISI 316L CH = 14, B = 25

● Disponibile dopo esaurimento TN166 - Disponible apres apuiselement TN166 - After exhausting of TN166 available -
Nach Ausverkauf von TN166 verfügbar - Disponible después finalización existencias TN166

CORPO: UNIONE GOMITO 90° BSPP/BSPT
CORPS: UNIONE CODE 90° BSPP/BSPT
BODY: ELBOW COUPLING 90° BSPP/BSPT
KÖRPER: WINKELVERSCHRAUBUNG 90° BSPP/BSPT
CUERPO: UNION CODO MACHO 90° BSPP/BSPT

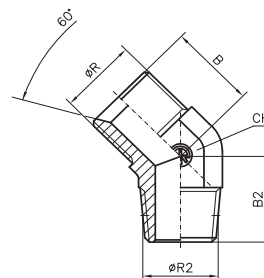


Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R BSPP	Ø R2 BSPT	B	B2	CH	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas								
-	-	● 60. 02.02.02	● T9MMR02K02	1/8	1/8	21	19.8	11 ¹⁾	350
-	-	● 60. 02.04.04	● T9MMR04K04	1/4	1/4	27	27.7	14	350
-	-	● 60. 02.06.06	● T9MMR06K06	3/8	3/8	29	31	19	350
-	-	● 60. 02.08.08	● T9MMR08K08	1/2	1/2	35	37.3	22	200
-	-	● 60. 02.10.10	● T9MMR10K10	5/8	5/8	38	40	27	200
-	-	● 60. 02.12.12	● T9MMR12K12	3/4	3/4	43	40.4	27	200
-	-	● 60. 02.16.16	● T9MMR16K16	1"	1"	45.5	50	33	120
-	-	● 60. 02.20.20	● T9MMR20K20	1" 1/4	1" 1/4	52	59.6	41	105
-	-	● 60. 02.24.24	● T9MMR24K24	1" 1/2	1" 1/2	59	67.1	48	105

1) AISI 316L CH = 14, B = 25, B2 = 25

● Disponibile dopo esaurimento TN155 - Disponible apres apuiselement TN155 - After exhausting of TN155 available -
Nach Ausverkauf von TN155 verfügbar - Disponible después finalización existencias TN155

GOMITO MASCHIO 45°
GAS CILINDRICO - GAS CONICO
COUDE MALE 45°
GAZ CYLINDRIQUE - GAZ CONIQUE
ELBOW MALE COUPLING 45°
BSPP - BSPT
WINKLEINSCHRAUBVERSCHRAUBUNG 45°
BSPP - BSPT
CODO MACHO 45°
BSPP - BSPT

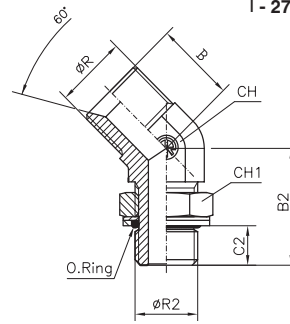


Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R BSPP	Ø R2 BSPT	B	B2	CH	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas								
-	-	● 60. 03.04.04	● T4MMR04K04	1/4	1/4	22	21,8	14 ¹⁾	350
-	-	● 60. 03.06.06	● T4MMR06K06	3/8	3/8	23,5	24,1	19	350
-	-	● 60. 03.08.08	● T4MMR08K08	1/2	1/2	28,5	29,7	22	200
-	-	● 60. 03.12.12	● T4MMR12K12	3/4	3/4	31,5	30,5	27	200
-	-	● 60. 03.16.16	● T4MMR16K16	1"	1"	37	37,6	33	120

1) AISI 316L CH = 19

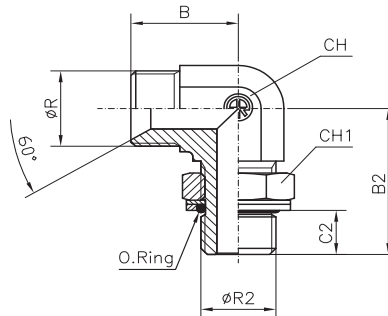


CORPO: ADATTATORE ORIENTABILE 45°
MASCHIO-MASCHIO CON O.RING
CORPS: COUDE ORIENTABLE 45° MALE-MALE
AVEC O.RING
BODY: 45° MALE-MALE O.RING
ADJUSTABLE ADAPTOR
STUTZEN: 45° EINSTELLBARER EINSCHRAUBADAPTER
MIT O.RING
CUERPO: ADAPTADOR ORIENTABLE 45° MACHO-MACHO
CON JUNTA TORICA



Ø TUBO-TUBE-ROHR		Articolo Article Item	Codice Reference Code	Ø R BSPP	Ø R2 BSPP	B	B2	C2	CH	CH1	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas	Artikelnummer Artículo	Code Best-nr Código								
-	-	● 60.04.02.02	● T4MOR02	1/8	1/8	20	26	6.3	14	14	350
-	-	● 60.04.04.02	● T4MOR04R02	1/4	1/8	22	27	6.3	14	14	350
-	-	● 60.04.04.04	● T4MOR04	1/4	1/4	22	29	9.5	14	19	350
-	-	● 60.04.06.04	● T4MOR06R04	3/8	1/4	23.5	29.5	9.5	19	19	350
-	-	● 60.04.06.06	● T4MOR06	3/8	3/8	23.5	33	9.5	19	22	350
-	-	● 60.04.06.08	● T4MOR06R08	3/8	1/2	28.5	38.5	13.0	22	27	200
-	-	● 60.04.08.06	● T4MOR08R06	1/2	3/8	28.5	34.5	9.5	22	22	200
-	-	● 60.04.08.08	● T4MOR08	1/2	1/2	28.5	38.5	13.0	22	27	200
-	-	● 60.04.12.08	● T4MOR12R08	3/4	1/2	31.5	40	13.0	27	27	200
-	-	● 60.04.12.12	● T4MOR12	3/4	3/4	31.5	44	13.0	27	36	200
-	-	● 60.04.16.12	● T4MOR16R12	1"	3/4	37	47.5	13.0	33	36	120
-	-	● 60.04.16.16	● T4MOR16	1"	1"	37	47.5	16.0	33	41	120
-	-	● 60.04.20.16	● T4MOR20R16	1"1/4	1"	39	48.5	16.0	41	41	105
-	-	● 60.04.20.20	● T4MOR20	1"1/4	1"1/4	39	48.5	16.0	41	50	105
-	-	● 60.04.24.20	● T4MOR24R20	1"1/2	1"1/4	46	48.5	16.0	48	50	105
-	-	● 60.04.24.24	● T4MOR24	1"1/2	1"1/2	46	48.5	16.0	48	55	105

CORPO: ADATTATORE ORIENTABILE 90°
MASCHIO-MASCHIO CON O.RING
CORPS: COUDE ORIENTABLE 90° MALE-MALE
AVEC O.RING
BODY: 90° MALE-MALE O.RING
ADJUSTABLE ADAPTOR
STUTZEN: 90° EINSTELLBARER EINSCHRAUBADAPTER
MIT O.RING
CUERPO: ADAPTADOR ORIENTABLE 90° MACHO-MACHO
CON JUNTA TORICA

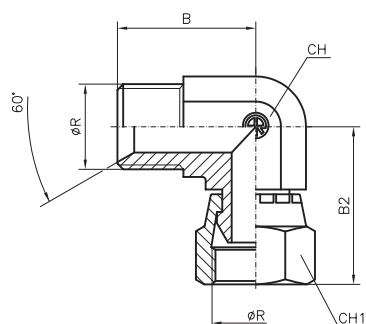


Ø TUBO-TUBE-ROHR		Articolo Article Item	Codice Reference Code	Ø R BSPP	Ø R2 BSPP	B	B2	C2	CH	CH1	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas	Artikelnummer Artículo	Code Best-nr Código								
-	-	● 60.05.02.02	● T9MOR02	1/8	1/8	21 ¹⁾	26 ¹⁾	6.3	11 ¹⁾	14	350
-	-	● 60.05.04.02	● T9MOR04R02	1/4	1/8	27	30	6.3	14	14	350
-	-	● 60.05.04.04	● T9MOR04	1/4	1/4	27	32	9.5	14	19	350
-	-	● 60.05.06.04	● T9MOR06R04	3/8	1/4	29	33.5	9.5	19	19	350
-	-	● 60.05.06.06	● T9MOR06	3/8	3/8	29	37	9.5	19	22	350
-	-	● 60.05.06.08	● T9MOR06R08	3/8	1/2	35	43	13.0	22	27	200
-	-	● 60.05.08.06	● T9MOR08R06	1/2	3/8	35	39.5	9.5	22	22	200
-	-	● 60.05.08.08	● T9MOR08	1/2	1/2	35	43	13.0	22	27	200
-	-	● 60.05.12.08	● T9MOR12R08	3/4	1/2	43	45.5	13.0	27	27	200
-	-	● 60.05.12.12	● T9MOR12	3/4	3/4	43	49.5	13.0	27	36	200
-	-	● 60.05.16.12	● T9MOR16R12	1"	3/4	45.5	50.5	13.0	33	36	120
-	-	● 60.05.16.16	● T9MOR16	1"	1"	45.5	52.5	16.0	33	41	120
-	-	● 60.05.20.16	● T9MOR20R16	1"1/4	1"	52	57	16.0	41	41	105
-	-	● 60.05.20.20	● T9MOR20	1"1/4	1"1/4	52	57	16.0	41	50	105
-	-	● 60.05.24.20	● T9MOR24R20	1"1/2	1"1/4	59	60.5	16.0	48	50	105
-	-	● 60.05.24.24	● T9MOR24	1" 1/2	1"1/2	59	60.5	16.0	48	55	105

1) AISI 316L CH = 14 B= 25 B2= 29



CORPO: UNIONE GOMITO 90°
CON DADO GIREVOLE
CORPS: UNION COUDE 90°
ECROU PIVOTANT
BODY: ELBOW COUPLING 90°
WITH ROTARY NUT
KÖRPER: WINKELVERSCHRAUBUNG 90°
MIT DREHMUTTER
CUERPO: UNION CODO 90°
CON TUERCA LOCA

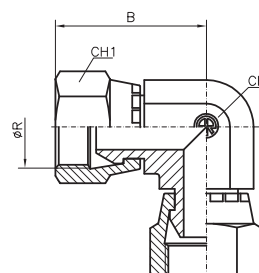


Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R BSPP	B	B2	CH	CH1	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas								
-	-	● 60. 09.02.02	● T9MGR02	1/8	17 2)	22 2)	11 2)	14	350
-	-	● 60. 09.04.04	● T9MGR04	1/4	27	26	14	19	350
-	-	● 60. 09.06.06	● T9MGR06	3/8	29	31	19	22	350
-	-	● 60. 09.08.08	● T9MGR08	1/2	35	36	22	27	200
-	-	● 60. 09.10.10	● T9MGR10	5/8	38	40	27	30	200
-	-	● 60. 09.12.12	● T9MGR12	3/4	43	42,5	27	32	200
-	-	● 60. 09.16.16	● T9MGR16	1"	45,5	53	33	38 1)	120
-	-	● 60. 09.20.20	● T9MGR20	1" 1/4	52	57	41	50	105
-	-	● 60. 09.24.24	● T9MGR24	1" 1/2	59	65,5	48	55	105

1) AISI 316L CH = 41

2) AISI 316L CH = 14 B = 25 B2 = 28,5

UNIONE GOMITO 90° CON DADO GIREVOLE
UNION COUDE 90° ECROU PIVOTANT
ELBOW COUPLING 90° WITH ROTARY NUT
WINKELVERSCHRAUBUNG 90° MIT DREHMUTTER
UNION CODO 90° CON TUERCA LOCA



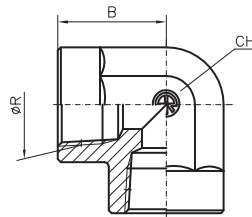
Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R BSPP	B	CH	CH1	PN	
mm.	Poll.- Pouces Inch.- Zoll Pulgadas								
-	-	● 60. 10.02.02	● T9GGR02	1/8	22 2)	11 2)	14	350	
-	-	● 60. 10.04.04	● T9GGR04	1/4	27,2	14	19	350	
-	-	● 60. 10.06.06	● T9GGR06	3/8	32,3	19	22	350	
-	-	● 60. 10.08.08	● T9GGR08	1/2	36,4	22	27	200	
-	-	● 60. 10.10.10	● T9GGR10	5/8	39	27	30	200	
-	-	● 60. 10.12.12	● T9GGR12	3/4	42,5	27	32	200	
-	-	● 60. 10.16.16	● T9GGR16	1"	53	33	38 1)	120	
-	-	● 60. 10.20.20	● T9GGR20	1" 1/4	58	41	50	105	
-	-	● 60. 10.24.24	● T9GGR24	1" 1/2	68,5	48	55	105	

1) AISI 316L CH = 41

2) AISI 316L CH = 14 B = 28,5

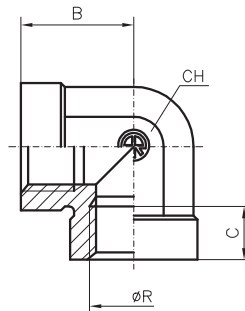


UNIONE GOMITO 90° FEMMINA NPT
UNION COUDE 90° FEMELLE NPT
ELBOW FEMALE COUPLING 90° NPT
WINKELAUFSCRAUBVERSCHRAUBUNG 90° NPT
UNION CODO 90° HEMBRA NPT



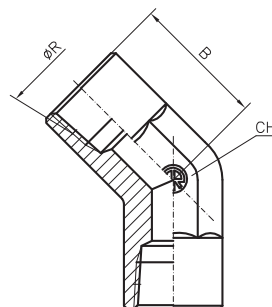
Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R NPT	B	CH	PN	
mm.	Poll.- Pouces Inch.- Zoll Pulgadas							
-	-	● 60. 14.02.02	● T9FFN02	1/8	16,8	14	350	
-	-	● 60. 14.04.04	● T9FFN04	1/4	22,4	19	350	
-	-	● 60. 14.06.06	● T9FFN06	3/8	25,9	22	315	
-	-	● 60. 14.08.08	● T9FFN08	1/2	31,2	27	210	
-	-	● 60. 14.12.12	● T9FFN12	3/4	34,5	33	210	
-	-	● 60. 14.16.16	● T9FFN16	1"	41,4	41	120	
-	-	● 60. 14.20.20	● T9FFN20	1" 1/4	43,2	48	105	
-	-	● 60. 14.24.24	● T9FFN24	1" 1/2	62	64	105	

UNIONE GOMITO 90° FEMMINA BSPP
UNION COUDE 90° FEMELLE BSPP
ELBOW FEMALE COUPLING 90° BSPP
WINKELVERSCHRAUBVERSCHRAUBUNG 90° BSPP
UNION CODO 90° HEMBRA BSPP



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R BSPP	B	C	CH	PN	
mm.	Poll.- Pouces Inch.- Zoll Pulgadas								
-	-	● 60. 15.02.02	● T9FFR02	1/8	16,8	10	14	350	
-	-	● 60. 15.04.04	● T9FFR04	1/4	23	13	19	350	
-	-	● 60. 15.06.06	● T9FFR06	3/8	26	13	22	315	
-	-	● 60. 15.08.08	● T9FFR08	1/2	31	15	27	210	
-	-	● 60. 15.12.12	● T9FFR12	3/4	36	17	33	210	
-	-	● 60. 15.16.16	● T9FFR16	1"	42,5	20	41	120	
-	-	● 60. 15.20.20	● T9FFR20	1" 1/4	47	22	48	105	
-	-	● 60. 15.24.24	● T9FFR24	1" 1/2	62	24	64	105	

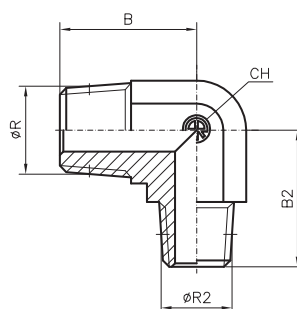
UNIONE GOMITO 45° FEMMINA NPT
UNION COUDE 45° FEMELLE NPT
ELBOW FEMALE COUPLING 45° NPT
WINKELVERSCHRAUBVERSCHRAUBUNG 45° NPT
UNION CODO 45° HEMBRA NPT



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R NPT	B	CH	PN	
mm.	Poll.- Pouces Inch.- Zoll Pulgadas							
-	-	● 60. 16.04.04	● T4FFN04	1/4	17,5	19	350	
-	-	● 60. 16.06.06	● T4FFN06	3/8	19	22	315	
-	-	● 60. 16.08.08	● T4FFN08	1/2	23,9	27	210	
-	-	● 60. 16.12.12	● T4FFN12	3/4	25,4	33	210	
-	-	● 60. 16.16.16	● T4FFN16	1"	30,2	41	120	

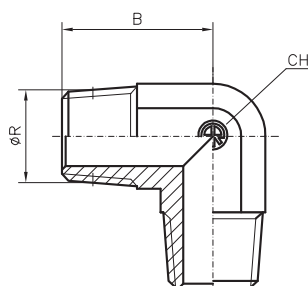


GOMITO MASCHIO RIDOTTO 90° BSPT
COUDE MALE DE REDUCTION 90° BSPT
REDUCED ELBOW MALE COUPLING 90° BSPT
WINKELVERSCHRAUBVERSCHRAUBUNG 90° BSPT
CODO MACHO REDUCIDO 90° BSPT



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R BSPT	Ø R2 BSPT	B	B2	CH	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas								
-	-	● 60. 19.06.04	● T9MMK06K04	3/8	1/4	31	31	19	420
-	-	● 60. 19.08.06	● T9MMK08K06	1/2	3/8	37,3	32,5	22	420
-	-	● 60. 19.12.08	● T9MMK12K08	3/4	1/2	40,4	40,4	27	280

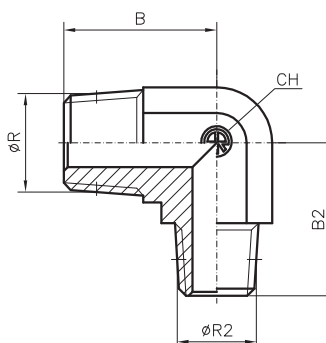
GOMITO MASCHIO 90° BSPT
COUDE MALE 90° BSPT
MALE COUPLING 90° BSPT
WINKELVERSCHRAUBVERSCHRAUBUNG 90° BSPT
CODO MACHO 90° BSPT



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R BSPT	B	CH	PN	
mm.	Poll.- Pouces Inch.- Zoll Pulgadas							
-	-	● 60. 20.02.02	● T9MMK02	1/8	19,8 1)	11 1)	420	
-	-	● 60. 20.04.04	● T9MMK04	1/4	27,7	14	420	
-	-	● 60. 20.06.06	● T9MMK06	3/8	31	19	420	
-	-	● 60. 20.08.08	● T9MMK08	1/2	37,3	22	420	
-	-	● 60. 20.12.12	● T9MMK12	3/4	40,4	27	280	
-	-	● 60. 20.16.16	● T9MMK16	1"	50	33	210	
-	-	● 60. 20.20.20	● T9MMK20	1" 1/4	59,6	41	210	
-	-	● 60. 20.24.24	● T9MMK24	1" 1/2	67,1	48	210	

1) AISI 316L CH = 14 B = 23,5

GOMITO MASCHIO RIDOTTO 90° NPT
COUDE MALE DE REDUCTION 90° NPT
REDUCED ELBOW MALE COUPLING 90° NPT
WINKELVERSCHRAUBVERSCHRAUBUNG 90° NPT
CODO MACHO REDUCIDO 90° NPT



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R NPT	Ø R2 NPT	B	B2	CH	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas								
-	-	● 60. 21.06.04	● T9MMN06N04	3/8	1/4	31	31	19	420
-	-	● 60. 21.08.06	● T9MMN08N06	1/2	3/8	37,3	32,5	22	420
-	-	● 60. 21.12.08	● T9MMN12N08	3/4	1/2	40,4	40,4	27	280



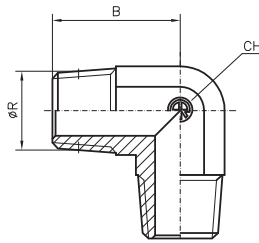
GOMITO MASCHIO 90° NPT

COUDE MALE 90° NPT

MALE COUPLING 90° NPT

WINKELVERSCHRAUBVERSCHRAUBUNG 90° NPT

CODO MACHO 90° NPT



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R NPT	B	CH	PN	
mm.	Poll.- Pouces Inch.- Zoll Pulgadas							
-	-	● 60. 22.02.02	● T9MMN02	1/8	19,8 1)	11 1)	420	
-	-	● 60. 22.04.04	● T9MMN04	1/4	27,7	14	420	
-	-	● 60. 22.06.06	● T9MMN06	3/8	31	19	420	
-	-	● 60. 22.08.08	● T9MMN08	1/2	37,3	22	420	
-	-	● 60. 22.12.12	● T9MMN12	3/4	40,4	27	280	
-	-	● 60. 22.16.16	● T9MMN16	1"	50	33	210	
-	-	● 60. 22.20.20	● T9MMN20	1" 1/4	59,6	41	210	
-	-	● 60. 22.24.24	● T9MMN24	1" 1/2	67,1	48	210.	

1) AISI 316L CH = 14 B = 23,5

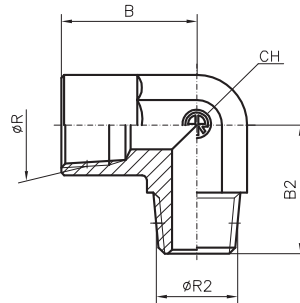
GOMITO RIDOTTO MASCHIO
FEMMINA 90° NPT

COUDE DE REDUCTION MALE
FEMELLE 90° NPT

REDUCED ELBOW MALE
FEMALE 90° NPT

WINKELVERSCHRAUBVERSCHRAUBUNG 90° NPT

CODO MACHO
HEMBRA 90° NPT



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R NPT	Ø R2 NPT	B	B2	CH	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas								
-	-	● 60. 25.02.04	● T9FMN02N04	1/8	1/4	16,8	27,7	14	350
-	-	● 60. 25.04.06	● T9FMN04N06	1/4	3/8	22,4	31	19	350
-	-	● 60. 25.06.08	● T9FMN06N08	3/8	1/2	31,7	37,3	22	210
-	-	● 60. 25.08.06	● T9FMN08N06	1/2	3/8	31,2	32,5	27	210
-	-	● 60. 25.08.12	● T9FMN08N12	1/2	3/4	31,2	40,4	27	210
-	-	● 60. 25.12.08	● T9FMN12N08	3/4	1/2	34,5	40,4	33	210

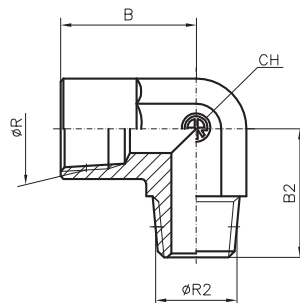
GOMITO MASCHIO
FEMMINA 90° NPT

COUDE MALE
FEMELLE 90° NPT

ELBOW MALE
FEMALE 90° NPT

WINKELVERSCHRAUBVERSCHRAUBUNG 90° NPT

CODO MACHO
HEMBRA 90° NPT



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R NPT	Ø R2 NPT	B	B2	CH	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas								
-	-	● 60. 26.02.02	● T9FMN02	1/8	1/8	16,8	19,8	14	350
-	-	● 60. 26.04.04	● T9FMN04	1/4	1/4	22,4	27,7	19	350
-	-	● 60. 26.06.06	● T9FMN06	3/8	3/8	25,9	31	22	315
-	-	● 60. 26.08.08	● T9FMN08	1/2	1/2	31,2	37,3	27	210
-	-	● 60. 26.12.12	● T9FMN12	3/4	3/4	34,5	40,4	33	210
-	-	● 60. 26.16.16	● T9FMN16	1"	1"	41,4	50	41	120
-	-	● 60. 26.20.20	● T9FMN20	1" 1/4	1" 1/4	43,2	60,5	48	105
-	-	● 60. 26.24.24	● T9FMN24	1" 1/2	1" 1/2	62	67,1	64	105



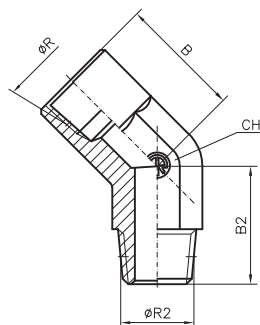
GOMITO MASCHIO
FEMMINA 45°NPT

COUDE MALE
FEMELLE 45° NPT

ELBOW MALE
FEMALE 45° NPT

WINKELVERSCHRAUBVERSCHRAUBUNG
45° NPT

CODO MACHO
HEMBRA 45°NPT



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R NPT	Ø R2 NPT	B	B2	CH	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas								
-	-	● 60. 27.02.02	● T4FMN02	1/8	1/8	11,9 1)	18,3	14 1)	350
-	-	● 60. 27.04.04	● T4FMN04	1/4	1/4	15,7	26,7	19	350
-	-	● 60. 27.06.06	● T4FMN06	3/8	3/8	18,3	26,9	22	315
-	-	● 60. 27.08.08	● T4FMN08	1/2	1/2	23,1	34	27	210
-	-	● 60. 27.12.12	● T4FMN12	3/4	3/4	24,6	35,1	33	210
-	-	● 60. 27.16.16	● T4FMN16	1"	1"	28,4	43,7	41	120

1) AISI 316L CH = 19 B = 13,4

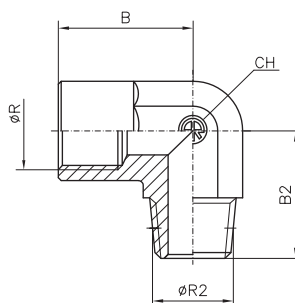
GOMITO RIDOTTO MASCHIO BSPT
FEMMINA BSPP 90°

COUDE DE REDUCTION MALE BSPT
FEMELLE BSPP 90°

REDUCED ELBOW MALE BSPT
FEMALE BSPP 90°

WINKELVERSCHRAUBVERSCHRAUBUNG
90° BSPT/BSPP

CODO MACHO BSPT
HEMBRA BSPP 90°



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R BSPP	Ø R2 BSPT	B	B2	CH	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas								
-	-	● 60. 35.02.04	● T9FMR02K04	1/8	1/4	16,8	27,7	14	350
-	-	● 60. 35.04.06	● T9FMR04K06	1/4	3/8	22,4	31	19	350
-	-	● 60. 35.06.08	● T9FMR06K08	3/8	1/2	31,7	37,3	22	210
-	-	● 60. 35.08.06	● T9FMR08K06	1/2	3/8	31,2	32,5	27	210
-	-	● 60. 35.08.12	● T9FMR08K12	1/2	3/4	31,2	40,4	27	210
-	-	● 60. 35.12.08	● T9FMR12K08	3/4	1/2	34,5	40,4	33	210

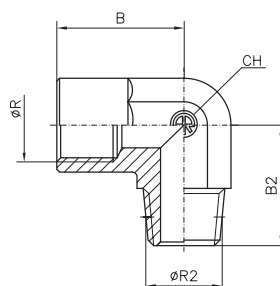
GOMITO MASCHIO BSPT
FEMMINA BSPP 90°

COUDE MALE BSPT
FEMELLE BSPP 90°

ELBOW MALE BSPT
FEMALE BSPP 90°

WINKELVERSCHRAUBVERSCHRAUBUNG
90° BSPT/BSPP

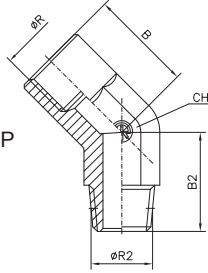
CODO MACHO BSPT
HEMBRA BSPP 90°



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R BSPP	Ø R2 BSPT	B	B2	CH	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas								
-	-	● 60. 36.02.02	● T9FMR02K02	1/8	1/8	16,8	19,8	14	350
-	-	● 60. 36.04.04	● T9FMR04K04	1/4	1/4	22,4	27,7	19	350
-	-	● 60. 36.06.06	● T9FMR06K06	3/8	3/8	25,9	31	22	315
-	-	● 60. 36.08.08	● T9FMR08K08	1/2	1/2	31,2	37,3	27	210
-	-	● 60. 36.12.12	● T9FMR12K12	3/4	3/4	34,5	40,4	33	210
-	-	● 60. 36.16.16	● T9FMR16K16	1"	1"	41,4	50	41	120
-	-	● 60. 36.20.20	● T9FMR20K20	1" 1/4	1" 1/4	43,2	60,5	48	105
-	-	● 60. 36.24.24	● T9FMR24K24	1" 1/2	1" 1/2	62	67,1	64	105



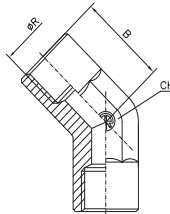
GOMITO MASCHIO BSPT FEMMINA BSPP 45°
COUDE MALE BSPT FEMELLE BSPP 45°
ELBOW MALE BSPT FEMALE BSPP 45°
WINKELVERSCHRAUBVERSCHRAUBUNG 45° BSPT/BSPP
CODO MACHO BSPT HEMBRA BSPP 45°



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R BSPP	Ø R2 BSPT	B	B2	CH	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas								
-	-	● 60. 37.02.02	● T4FMR02K02	1/8	1/8	11,9 ¹⁾	18,3	14 ¹⁾	350
-	-	● 60. 37.04.04	● T4FMR04K04	1/4	1/4	15,7	26,7	19	350
-	-	● 60. 37.06.06	● T4FMR06K06	3/8	3/8	18,3	26,9	22	315
-	-	● 60. 37.08.08	● T4FMR08K08	1/2	1/2	23,1	34	27	210
-	-	● 60. 37.12.12	● T4FMR12K12	3/4	3/4	24,6	35,1	33	210
-	-	● 60. 37.16.16	● T4FMR16K16	1"	1"	28,4	43,7	41	120
-	-	● 60. 37.20.20	● T4FMR20K20	1" 1/4	1" 1/4	34,5	45,2	48	105
-	-	● 60. 37.24.24	● T4FMR24K24	1" 1/2	1" 1/2	42,2	52,7	64	105

¹⁾ AISI 316L CH = 19 B = 13,4

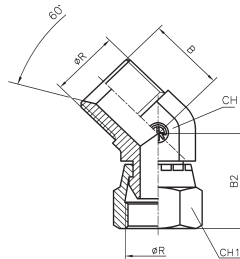
UNIONE GOMITO 45° FEMMINA BSPP
UNION COUDE 45° FEMELLE BSPP
ELBOW FEMALE COUPLING 45° BSPP
WINKELVERSCHRAUBVERSCHRAUBUNG 45° BSPP
UNION CODO 45° HEMBRA BSPP



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R BSPP	B	CH	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas						
-	-	● 60. 38.02.02	● T4FFR02	1/8	11,9 ¹⁾	14 ¹⁾	350
-	-	● 60. 38.04.04	● T4FFR04	1/4	17,5	19	350
-	-	● 60. 38.06.06	● T4FFR06	3/8	19	22	315
-	-	● 60. 38.08.08	● T4FFR08	1/2	23,9	27	210
-	-	● 60. 38.12.12	● T4FFR12	3/4	25,4	33	210
-	-	● 60. 38.16.16	● T4FFR16	1"	30,2	41	120
-	-	● 60. 38.20.20	● T4FFR20	1" 1/4	37,2	48	105
-	-	● 60. 38.24.24	● T4FFR24	1" 1/2	42,2	64	105

¹⁾ AISI 316L CH = 19 B = 13,4

CORPO: UNIONE GOMITO 45°
CON DADO GIREVOLE
CORPS: UNION COUDE 45°
ECROU PIVOTANT
BODY: ELBOW COUPLING 45°
WITH ROTARY NUT
KÖRPER: WINKELVERSCHRAUBUNG 45°
MIT DREHMUTTER
CUERPO: UNION CODO 45°
CON TUERCA LOCA

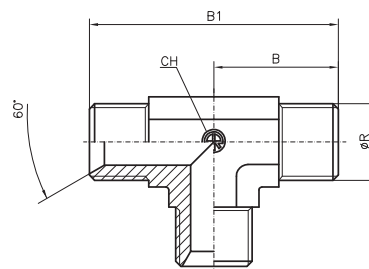


Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R BSPP	B	B2	CH	CH1	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas								
-	-	● 60. 39.02.02	● T4MGR02	1/8	20	26	14 ²⁾	14	350
-	-	● 60. 39.04.04	● T4MGR04	1/4	22	26	14 ²⁾	19	350
-	-	● 60. 39.06.06	● T4MGR06	3/8	23,5	30	19	22	350
-	-	● 60. 39.08.08	● T4MGR08	1/2	28,5	34	22	27	200
-	-	● 60. 39.10.10	● T4MGR10	5/8	29	41	27	28	200
-	-	● 60. 39.12.12	● T4MGR12	3/4	31,5	42	27	32	200
-	-	● 60. 39.16.16	● T4MGR16	1"	37	47	33	38 ¹⁾	120
-	-	● 60. 39.20.20	● T4MGR20	1" 1/4	39	51	41	50	105
-	-	● 60. 39.24.24	● T4MGR24	1" 1/2	46	60	48	55	105

¹⁾ AISI 316L CH = 41 ²⁾ AISI 316L CH = 19



UNIONE A "T"
UNION "T"
EQUAL TEES
T-VERSCHRAUBUNG
UNION TE MACHO-MACHO



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R BSPP	B	B1	CH	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas							
-	-	● 60. 51.02.02	● TTMMMR02	1/8	17 ¹⁾	34 ¹⁾	11 ¹⁾	350
-	-	● 60. 51.04.04	● TTMMMR04	1/4	27	54	14	350
-	-	● 60. 51.06.06	● TTMMMR06	3/8	29	58	19	350
-	-	● 60. 51.08.08	● TTMMMR08	1/2	35	70	22	200
-	-	● 60. 51.10.10	● TTMMMR10	5/8	38	76	27	200
-	-	● 60. 51.12.12	● TTMMMR12	3/4	43	86	27	200
-	-	● 60. 51.16.16	● TTMMMR16	1"	45,5	91	33	120
-	-	● 60. 51.20.20	● TTMMMR20	1" 1/4	52 ²⁾	104 ²⁾	41	105
-	-	● 60. 51.24.24	● TTMMMR24	1" 1/2	59 ³⁾	118 ³⁾	48 ³⁾	105

1) AISI 316L CH = 14 B = 27 B1 = 54

2) AISI 316L B = 53,5 B1 = 107

3) AISI 316L CH = 50 B = 62,5 B1 = 125

● Disponibile dopo esaurimento TN164 - Disponible apres apuiseement TN164 - After exhausting of TN164 available -
Nach Ausverkauf von TN164 verfügbar - Disponible después finalización existencias TN164

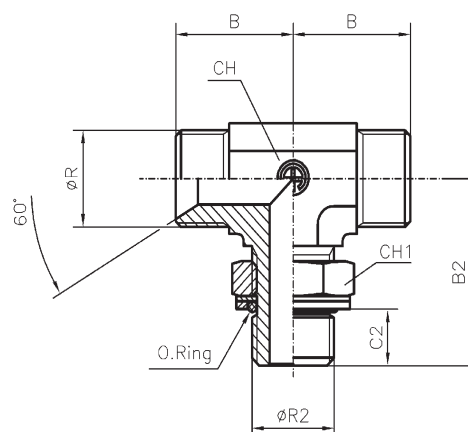
CORPO: ADATTATORE ORIENTABILE A "T"
MASCHIO-MASCHIO CON O.RING

CORPS: COUDE ORIENTABLE "T" MALE-MALE
AVEC O.RING

BODY: "T" MALE-MALE O.RING
ADJUSTABLE ADAPTOR

STUTZEN: "T" EINSTELLBARER EINSCHRAUBADAPTER
MIT O.RING

CUERPO: ADAPTADOR ORIENTABLE "T" MACHO-MACHO
CON JUNTA TORICA

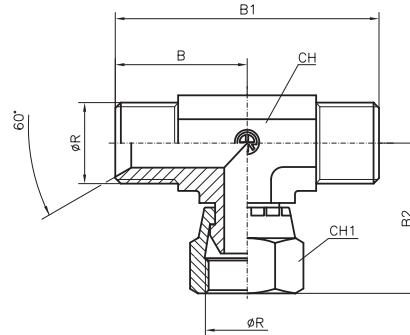


Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R BSPP	Ø R2 BSPP	B	B2	C2	CH	CH1	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas										
-	-	● 60.53.02.02	● TTMOMR02	1/8	1/8	21 ¹⁾	26 ¹⁾	6.3	11 ¹⁾	14	350
-	-	● 60.53.04.02	● TTMOMR04R02R04	1/4	1/8	27	30	6.3	14	14	350
-	-	● 60.53.04.04	● TTMOMR04	1/4	1/4	27	32	9.5	14	19	350
-	-	● 60.53.06.04	● TTMOMR06R04R06	3/8	1/4	29	33.5	9.5	19	19	350
-	-	● 60.53.06.06	● TTMOMR06	3/8	3/8	29	37	9.5	19	22	350
-	-	● 60.53.06.08	● TTMOMR06R08R06	3/8	1/2	35	43	13.0	22	27	200
-	-	● 60.53.08.06	● TTMOMR08R06R08	1/2	3/8	35	39.5	9.5	22	22	200
-	-	● 60.53.08.08	● TTMOMR08	1/2	1/2	35	43	13.0	22	27	200
-	-	● 60.53.12.08	● TTMOMR12R08R12	3/4	1/2	43	45.5	13.0	27	27	200
-	-	● 60.53.12.12	● TTMOMR12	3/4	3/4	43	49.5	13.0	27	36	200
-	-	● 60.53.16.12	● TTMOMR16R12R16	1"	3/4	45.5	50.5	13.0	33	36	120
-	-	● 60.53.16.16	● TTMOMR16	1"	1"	45.5	52.5	16.0	33	41	120
-	-	● 60.53.20.16	● TTMOMR20R16R20	1"1/4	1"	52	57	16.0	41	41	105
-	-	● 60.53.20.20	● TTMOMR20	1"1/4	1"1/4	52	57	16.0	41	50	105
-	-	● 60.53.24.20	● TTMOMR24R20R24	1"1/2	1"1/4	59	60.5	16.0	48	50	105
-	-	● 60.53.24.24	● TTMOMR24	1" 1/2	1"1/2	59	60.5	16.0	48	55	105

1) AISI 316L CH = 14 B = 25 B2 = 29



"T" DI LINEA CON DADO GIREVOLE
"T" DE LIGNE ECROU PIVOTANT
"T" OF LINE WITH ROTARY NUT
LINIEN-T MIT DREHMUTTER
TE MACHO TUERCA LOCA CENTRAL



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R BSPP	B	B1	B2	CH	CH1	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas									
-	-	● 60. 55.02.02	● TTMGMR02	1/8	21 ¹⁾	42 ¹⁾	22 ¹⁾	11 ¹⁾	14	350
-	-	● 60. 55.04.04	● TTMGMR04	1/4	27	54	26	14	19	350
-	-	● 60. 55.06.06	● TTMGMR06	3/8	29	58	31	19	22	350
-	-	● 60. 55.08.08	● TTMGMR08	1/2	35	70	36	22	27	200
-	-	● 60. 55.10.10	● TTMGMR10	5/8	38	76	41	27	28/30 ²⁾	200
-	-	● 60. 55.12.12	● TTMGMR12	3/4	43	86	42,5	27	32	200
-	-	● 60. 55.16.16	● TTMGMR16	1"	45,5	91	53	33	38	120
-	-	● 60. 55.20.20	● TTMGMR20	1" 1/4	52 ³⁾	104 ³⁾	58	41	50	105
-	-	● 60. 55.24.24	● TTMGMR24	1" 1/2	59 ⁴⁾	118 ⁴⁾	68,5	48 ⁴⁾	55	105

1) AISI 316L CH = 14 B = 27 B1 = 53,7 B2 = 26,7

2) AISI 316L CH = 30

3) AISI 316L B = 53,5 B1 = 107

4) AISI 316L CH = 50 B = 62,5 B1 = 125

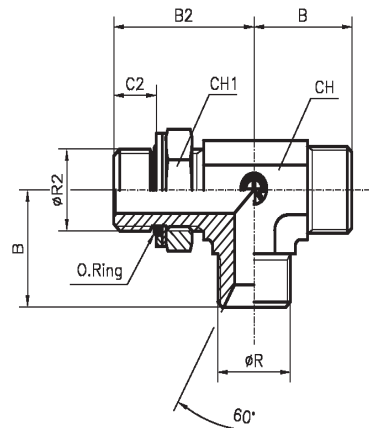
CORPO: ADATTATORE ORIENTABILE A "L"
MASCHIO-MASCHIO CON O.RING

CORPS: COUDE ORIENTABLE "L" MALE-MALE
AVEC O.RING

BODY: "L" MALE-MALE O.RING
ADJUSTABLE ADAPTOR

STUTZEN: "L" EINSTELLBARER EINSCHRAUBADAPTER
MIT O.RING

CUERPO: ADAPTADOR ORIENTABLE "L" MACHO-MACHO
CON JUNTA TORICA

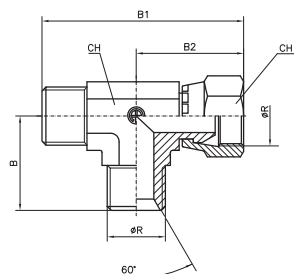


Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R BSPP	Ø R2 BSPP	B	B2	C2	CH	CH1	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas										
-	-	● 60.57.02.02	● TTMMOR02	1/8	1/8	21 ¹⁾	26 ¹⁾	6.3	11 ¹⁾	14	350
-	-	● 60.57.04.02	● TTMMOR02R02R04	1/4	1/8	27	30	6.3	14	14	350
-	-	● 60.57.04.04	● TTMMOR04	1/4	1/4	27	32	9.5	14	19	350
-	-	● 60.57.06.04	● TTMMOR06R06R04	3/8	1/4	29	33.5	9.5	19	19	350
-	-	● 60.57.06.06	● TTMMOR06	3/8	3/8	29	37	9.5	19	22	350
-	-	● 60.57.06.08	● TTMMOR06R06R08	3/8	1/2	35	43	13.0	22	27	200
-	-	● 60.57.08.06	● TTMMOR08R08R06	1/2	3/8	35	39.5	9.5	22	22	200
-	-	● 60.57.08.08	● TTMMOR08	1/2	1/2	35	43	13.0	22	27	200
-	-	● 60.57.12.08	● TTMMOR12R12R08	3/4	1/2	43	45.5	13.0	27	27	200
-	-	● 60.57.12.12	● TTMMOR12	3/4	3/4	43	49.5	13.0	27	36	200
-	-	● 60.57.16.12	● TTMMOR16R12R12	1"	3/4	45.5	50.5	13.0	33	36	120
-	-	● 60.57.16.16	● TTMMOR16	1"	1"	45.5	52.5	16.0	33	41	120
-	-	● 60.57.20.16	● TTMMOR20R20R16	1"1/4	1"	52	57	16.0	41	41	105
-	-	● 60.57.20.20	● TTMMOR20	1"1/4	1"1/4	52	57	16.0	41	50	105
-	-	● 60.57.24.20	● TTMMOR24R24R20	1"1/2	1"1/4	59	60.5	16.0	48	50	105
-	-	● 60.57.24.24	● TTMMOR24	1" 1/2	1"1/2	59	60.5	16.0	48	55	105

1) AISI 316L CH = 14 B = 25 B2 = 29



“T” DERIVAZIONE CON DADO GIREVOLE
“T” DE DERIVATION ECROU PIVOTANT
DERIVATING “T” WITH ROTARY NUT
ABLEITUNG-T MIT DREHMUTTER
TE MACHO TUERCA LOCA LATERAL

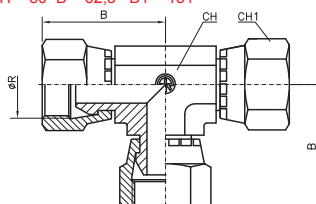


Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R BSPP	B	B1	B2	CH	CH1	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas									
-	-	● 60. 59.02.02	● TTMMGR02	1/8	17 ¹⁾	39 ¹⁾	22 ¹⁾	11 ¹⁾	14	350
-	-	● 60. 59.04.04	● TTMMGR04	1/4	27	53	26	14	19	350
-	-	● 60. 59.06.06	● TTMMGR06	3/8	29	60	31	19	22	350
-	-	● 60. 59.08.08	● TTMMGR08	1/2	35	71	36	22	27	200
-	-	● 60. 59.10.10	● TTMMGR10	5/8	38	78	40	27	28/30 ²⁾	200
-	-	● 60. 59.12.12	● TTMMGR12	3/4	43	83	42,5	27	32	200
-	-	● 60. 59.16.16	● TTMMGR16	1"	45,5	98,5	53	33	38	120
-	-	● 60. 59.20.20	● TTMMGR20	1" 1/4	52 ³⁾	110 ³⁾	58	41	50	105
-	-	● 60. 59.24.24	● TTMMGR24	1" 1/2	59 ⁴⁾	127,5 ⁴⁾	68,5	48 ⁴⁾	55	105

1) AISI 316L CH = 14 B = 27 B1 = 53,7 B2 = 26,7
3) AISI 316L B = 53,5 B1 = 111,5

2) AISI 316L CH = 30
4) AISI 316L CH = 50 B = 62,5 B1 = 131

UNIONE A “T” CON DADO GIREVOLE
UNION “T” ECROU PIVOTANT
EQUAL TEES WITH ROTARY NUT
T-VERSCHRAUBUNG MIT DREHMUTTER
UNION TE CON TUERCA LOCA

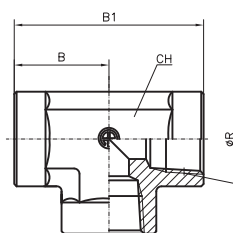


Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R BSPP	B	CH	CH1	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas							
-	-	● 60. 60.02.02	● TTGGGR02	1/8	22 ¹⁾	11 ¹⁾	14	350
-	-	● 60. 60.04.04	● TTGGGR04	1/4	27,2	14	19	350
-	-	● 60. 60.06.06	● TTGGGR06	3/8	32,3	19	22	350
-	-	● 60. 60.08.08	● TTGGGR08	1/2	36,4	22	27	200
-	-	● 60. 60.10.10	● TTGGGR10	5/8	38	27	28 ²⁾	200
-	-	● 60. 60.12.12	● TTGGGR12	3/4	42,5	27	32	200
-	-	● 60. 60.16.16	● TTGGGR16	1"	53	33	38	120
-	-	● 60. 60.20.20	● TTGGGR20	1" 1/4	58	41	50	105
-	-	● 60. 60.24.24	● TTGGGR24	1" 1/2	68,5	48 ³⁾	55	105

1) AISI 316L CH = 14 B = 26,7
3) AISI 316L CH = 50

2) AISI 316L CH = 30

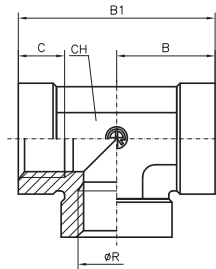
“T” FEMMINA NPT
“T” FEMELLE NPT
FEMALE “T” NPT
AUFSCHRAUB-T NPT
TE HEMBRA NPT



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R NPT	B	B1	CH	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas							
-	-	● 60. 64.02.02	● TTFFFN02	1/8	16,8	33,6	14	350
-	-	● 60. 64.04.04	● TTFFFN04	1/4	22,4	44,8	19	350
-	-	● 60. 64.06.06	● TTFFFN06	3/8	25,9	51,8	22	315
-	-	● 60. 64.08.08	● TTFFFN08	1/2	31,2	62,4	27	210
-	-	● 60. 64.12.12	● TTFFFN12	3/4	34,5	69	33	210
-	-	● 60. 64.16.16	● TTFFFN16	1"	41,4	82,8	41	120
-	-	● 60. 64.20.20	● TTFFFN20	1" 1/4	43,2	86,4	48	105
-	-	● 60. 64.24.24	● TTFFFN24	1" 1/2	62	105,6	64	105

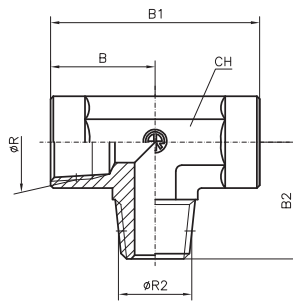


"T" FEMMINA BSPP
"T" FEMELLE BSPP
FEMALE "T" BSPP
AUFSCHRAUB-T BSPP
TE HEMBRA BSPP



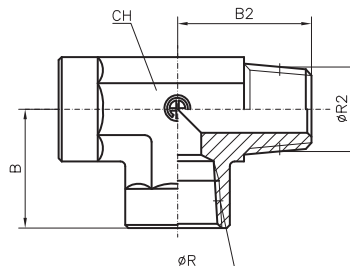
Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R BSPP	B	B1	C	CH	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas								
-	-	● 60. 65.02.02	● TTFFFR02	1/8	16,8	33,6	9	14	350
-	-	● 60. 65.04.04	● TTFFFR04	1/4	23	46	13	19	350
-	-	● 60. 65.06.06	● TTFFFR06	3/8	26	52	13	22	315
-	-	● 60. 65.08.08	● TTFFFR08	1/2	31	62	15	27	210
-	-	● 60. 65.12.12	● TTFFFR12	3/4	36	72	17	33	210
-	-	● 60. 65.16.16	● TTFFFR16	1"	42,5	85	20	41	120
-	-	● 60. 65.20.20	● TTFFFR20	1" 1/4	58,5	117	22	48	105
-	-	● 60. 65.24.24	● TTFFFR24	1" 1/2	62	122	24	64	105

"T" DI DERIVAZIONE MASCHIO/FEMMINA NPT
"T" MALE/FEMELLE DE DERIVATION NPT
DERIVATING "T" MALE/FEMALE NPT
ABLEITUNG "T" - NPT
TE MACHO/HEMBRA DERIVACION NPT



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R NPT	Ø R2 NPT	B	B1	B2	CH	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas									
-	-	● 60. 67.02.02	● TTFFMN02	1/8	1/8	16,8	33,6	19,8	14	350
-	-	● 60. 67.04.04	● TTFFMN04	1/4	1/4	22,4	44,8	27,7	19	350
-	-	● 60. 67.06.06	● TTFFMN06	3/8	3/8	25,9	51,8	31	22	315
-	-	● 60. 67.08.08	● TTFFMN08	1/2	1/2	31,2	62,4	37,3	27	210
-	-	● 60. 67.12.12	● TTFFMN12	3/4	3/4	34,5	69	40,4	33	210
-	-	● 60. 67.16.16	● TTFFMN16	1"	1"	41,4	82,8	50	41	120
-	-	● 60. 67.20.20	● TTFFMN20	1" 1/4	1" 1/4	43,2	86,4	60,5	48	105
-	-	● 60. 67.24.24	● TTFFMN24	1" 1/2	1" 1/2	62	124	67,1	64	105

"L" DI DERIVAZIONE MASCHIO/FEMMINA NPT
"L" MALE/FEMELLE DE DERIVATION NPT
DERIVATING "L" MALE/FEMALE NPT
ABLEITUNG "L" - NPT
TE MACHO/HEMBRA DERIVACION NPT



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R NPT	Ø R2 NPT	B	B2	CH	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas								
-	-	● 60. 68.02.02	● TTFFMN02	1/8	1/8	16,8	19,8	14	350
-	-	● 60. 68.04.04	● TTFFMN04	1/4	1/4	22,4	27,7	19	350
-	-	● 60. 68.06.06	● TTFFMN06	3/8	3/8	25,9	31	22	315
-	-	● 60. 68.08.08	● TTFFMN08	1/2	1/2	31,2	37,3	27	210
-	-	● 60. 68.12.12	● TTFFMN12	3/4	3/4	34,5	40,4	33	210
-	-	● 60. 68.16.16	● TTFFMN16	1"	1"	41,4	50	41	120
-	-	● 60. 68.20.20	● TTFFMN20	1" 1/4	1" 1/4	43,2	60,5	48	105
-	-	● 60. 68.24.24	● TTFFMN24	1" 1/2	1" 1/2	52,8	67,1	64	105



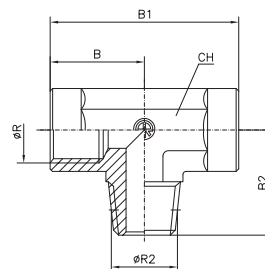
"T" DI DERIVAZIONE MASCHIO BSPT FEMMINA BSPP

"T" MALE BSPT FEMELLE BSPP DE DERIVATION

DERIVATING "T" MALE BSPT FEMALE BSPP

ABLEITUNG "T" - BSPT/BSPP

TE MACHO BSPT HEMBRA BSPP DERIVACION



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R BSPP	Ø R2 BSPT	B	B1	B2	CH	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas									
-	-	● 60. 77.02.02	● TTFMFR02K02R02	1/8	1/8	16,8	33,6	19,8	14	350
-	-	● 60. 77.04.04	● TTFMFR04K04R04	1/4	1/4	22,4	44,8	27,7	19	350
-	-	● 60. 77.06.06	● TTFMFR06K06R06	3/8	3/8	25,9	51,8	31	22	315
-	-	● 60. 77.08.08	● TTFMFR08K08R08	1/2	1/2	31,2	62,4	37,3	27	210
-	-	● 60. 77.12.12	● TTFMFR12K12R12	3/4	3/4	34,5	69	40,4	33	210
-	-	● 60. 77.16.16	● TTFMFR16K16R16	1"	1"	41,4	82,8	50	41	120
-	-	● 60. 77.20.20	● TTFMFR20K20R20	1" 1/4	1" 1/4	58,5	117	59,6	48	105
-	-	● 60. 77.24.24	● TTFMFR24K24R24	1" 1/2	1" 1/2	62	124	67,1	64	105

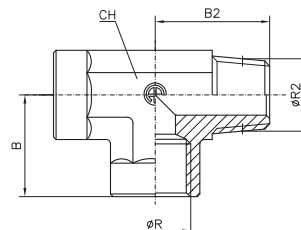
"L" DI DERIVAZIONE MASCHIO BSPT FEMMINA BSPP

"L" MALE BSPT FEMELLE BSPP DE DERIVATION

DERIVATING "L" MALE BSPT FEMALE BSPP

ABLEITUNG "L" - BSPT/BSPP

"L" MACHO BSPT HEMBRA BSPP DERIVACION



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R BSPP	Ø R2 BSPT	B	B2	CH	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas								
-	-	● 60. 78.02.02	● TTFFMR02R02K02	1/8	1/8	16,8	19,8	14	350
-	-	● 60. 78.04.04	● TTFFMR04R04K04	1/4	1/4	22,4	27,7	19	350
-	-	● 60. 78.06.06	● TTFFMR06R06K06	3/8	3/8	25,9	31	22	315
-	-	● 60. 78.08.08	● TTFFMR08R08K08	1/2	1/2	31,2	37,3	27	210
-	-	● 60. 78.12.12	● TTFFMR12R12K12	3/4	3/4	34,5	40,4	33	210
-	-	● 60. 78.16.16	● TTFFMR16R16K16	1"	1"	41,4	50	41	120
-	-	● 60. 78.20.20	● TTFFMR20R20K20	1" 1/4	1" 1/4	43,2	60,5	48	105
-	-	● 60. 78.24.24	● TTFFMR24R24K24	1" 1/2	1" 1/2	62	67,1	64	105

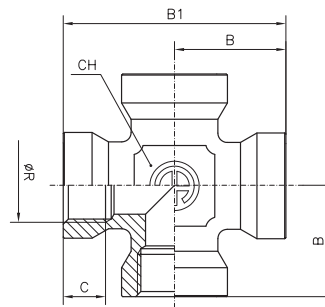
CROCE FEMMINA BSPP

CROIX FEMELLE BSPP

FEMALE CROSS BSPP

KREUZ BSPP

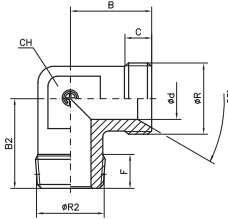
CRUZ HEMBRA BSPP



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R BSPP	B	B1	C	CH	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas								
-	-	● 60. 99.02.02	● TXFFFFR02	1/8	29	58	9	17	350
-	-	● 60. 99.04.04	● TXFFFFR04	1/4	31	62	13	19	350
-	-	● 60. 99.06.06	● TXFFFFR06	3/8	33,5	67	13	24	250
-	-	● 60. 99.08.08	● TXFFFFR08	1/2	38	76	15	27	225
-	-	● 60. 99.12.12	● TXFFFFR12	3/4	43,5	87	17	36	200
-	-	● 60. 99.16.16	● TXFFFFR16	1"	50	100	19	41	160
-	-	● 60. 99.20.20	● TXFFFFR20	1" 1/4	59	118	22	50	160



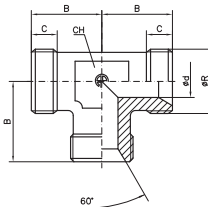
UNIONE GOMITO 90° BSPP/BSPT
UNION COUDE 90° BSPP/BSPT
ELBOW COUPLING 90° BSPP/BSPT
WINKELVERSCHRAUBUNG 90° BSPP/BSPT
UNION CODO 90° BSPP/BSPT



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R BSPP	Ø R2 BSPT	B	C	F	Ø d	CH	B2	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas											
-	-	TN155 - 1/8	TS155R02	1/8	1/8	21	10,5	13	4	11	19,8	350
-	-	TN155 - 1/4	TS155R04	1/4	1/4	24,5	11,5	14	6	14	27	350
-	-	TN155 - 3/8	TS155R06	3/8	3/8	29	12,5	15,5	9	17	30,5	350
-	-	TN155 - 1/2	TS155R08	1/2	1/2	30,5	13	17,5	11	19	35	200
-	-	TN155 - 3/4	TS155R12	3/4	3/4	37	14	18,5	16	27	42	200
-	-	TN155 - 1"	TS155R16	1"	1"	43,5	17	20	21	36	47,5	120
-	-	TN155 - 1" 1/4	TS155R20	1" 1/4	1" 1/4	50	19	23	26	41	54	105
-	-	TN155 - 1" 1/2	TS155R24	1" 1/2	1" 1/2	58,5	23	23	32	50	62	105

Disponibile fino ad esaurimento - Verfügbare nur solange vorrätig - Available while stocks last - Disponible jusqu'à épuisement de notre stock -
Disponibile mientras haya existencias

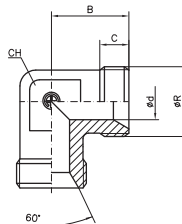
UNIONE A "T"
UNION A "T"
EQUAL TEES
T-VERSCHRAUBUNG
UNION TE MACHO-MACHO



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R BSPP	B	C	Ø d	CH	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas								
-	-	TN164 - 1/4	TS164R04	1/4	24,5	11,5	6	14	350
-	-	TN164 - 3/8	TS164R06	3/8	29	12,5	9	17	350
-	-	TN164 - 1/2	TS164R08	1/2	30,5	13	11	19	200
-	-	TN164 - 3/4	TS164R12	3/4	37	14	16	27	200
-	-	TN164 - 1"	TS164R16	1"	43,5	17	21	36	120
-	-	TN164 - 1" 1/4	TS164R20	1" 1/4	50	19	26	41	105
-	-	TN164 - 1" 1/2	TS164R24	1" 1/2	58,5	23	32	50	105

Disponibile fino ad esaurimento - Verfügbare nur solange vorrätig - Available while stocks last - Disponible jusqu'à épuisement de notre stock -
Disponibile mientras haya existencias

UNIONE GOMITO 90°
UNION CODE 90°
ELBOW COUPLING 90°
WINKELVERSCHRAUBUNG 90°
UNION CODO MACHO 90°

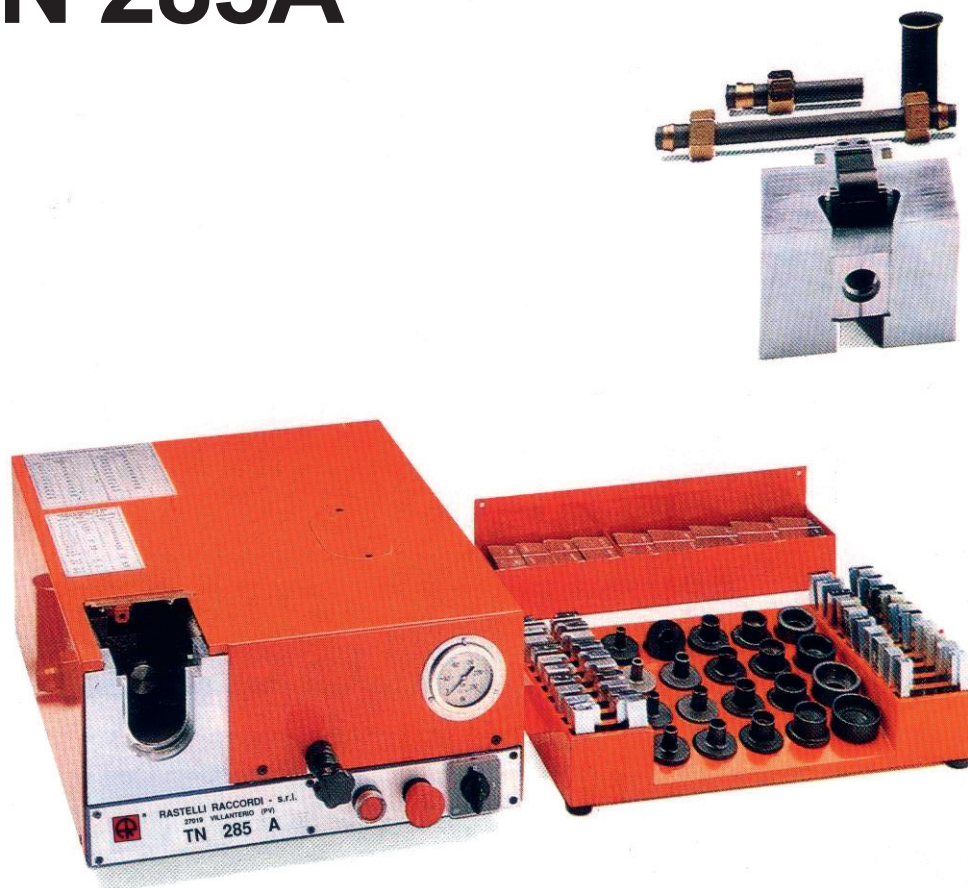


Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R BSPP	B	C	Ø d	CH	PN
mm.	Poll.- Pouces Inch.- Zoll Pulgadas								
-	-	TN166 - 1/4	TS166R04	1/4	24,5	11,5	6	14	350
-	-	TN166 - 3/8	TS166R06	3/8	29	12,5	9	17	350
-	-	TN166 - 1/2	TS166R08	1/2	30,5	13	11	19	200
-	-	TN166 - 3/4	TS166R12	3/4	37	14	16	27	200
-	-	TN166 - 1"	TS166R16	1"	43,5	17	21	36	120
-	-	TN166 - 1" 1/4	TS166R20	1" 1/4	50	19	26	41	105
-	-	TN166 - 1" 1/2	TS166R24	1" 1/2	58,5	23	32	50	105

Disponibile fino ad esaurimento - Verfügbare nur solange vorrätig - Available while stocks last - Disponible jusqu'à épuisement de notre stock -
Disponibile mientras haya existencias



TN 285A



FUNZIONAMENTO IDRAULICO
HYDRAULIKBETRIEB
HYDRAULIC WORKING
FONCTIONNEMENT HYDRAULIQUE
FUNCIONAMIENTO HIDRÁULICO

Attrezzature per il premontaggio degli anelli dei raccordi DIN 2353
Attrezzature per la svasatura a 37° dei tubi d'acciaio

Vorrichtungen zur Vormontage von Schneidringen auf
Verschraubungen nach DIN 2353
Vorrichtungen zum Spitzsenken von Stahlrohren auf 37°

Tools for the pre-fitting of the cutting rings for DIN 2353 fittings
Tools for flaring of steel tubes at 37°

Appareils pour le prémontage des bagues des raccords DIN 2353
Appareils pour l'évasement à 37° des tubes en acier

Equipo para el premontaje de las ojivas de los racores DIN 2353
Equipo para el avellanado en 37° de los tubos de acero



Finitura superficiale dei raccordi in acciaio al carbonio

ZINCONICHELATURA

Processo elettrolitico, che depositando sul metallo una lega di Zinco e Nichel, gli concede una maggiore durezza e resistenza, rallentando l'apparizione di corrosione bianca (primi segni dopo 500 ore) e di ruggine rossa (primi segni dopo 1500 ore), oltre a dargli un ottimo aspetto estetico. Conforme alle ore all'esposizione della nebbia salina in accordo alle normative ISO 9227-ASTM B117.

La Rastelli Raccordi, probabilmente l'unica casa produttrice di raccordi ad avere nelle proprie officine di produzione impianti di zincatura, ha messo a punto in omaggio alla legge in oggetto, il trattamento sopra descritto.

Ricordiamo che questo trattamento elimina il cromo esavalente, notoriamente pericoloso all'uomo e all'ambiente, inserendo il raccordo Rastelli tra i prodotti ecologici, cioè NON NOCIVI.

Oberflächenendbearbeitung von Verschraubungen aus Kohlenstoffstahl

ZINK-NICKELBEHANDLUNG

Elektrolytisches Verfahren, bei dem eine Legierung aus Zink und Nickel auf dem Metall abgeschieden wird, wodurch es härter und widerstandsfähiger wird, das Auftreten von weißer Korrosion (erste Anzeichen nach 500 Stunden) und Rotrost (erste Anzeichen nach 1500 Stunden) verlangsamt wird und ihm ein hervorragendes ästhetisches Erscheinungsbild verleiht. Entspricht den Stunden der Salzsprühnebelexposition gemäß ISO 9227-ASTM B117.

Rastelli Raccordi, wahrscheinlich der einzige Hersteller von Verschraubungen, der in seinen Produktionswerkstätten über Verzinkungsanlagen verfügt, hat die oben beschriebene Behandlung in Berücksichtigung des betreffenden Gesetzes entwickelt.

Durch diese Behandlung wird sechswertiges Chrom vermieden, das bekanntermaßen gefährlich für Mensch und Umwelt ist, so dass die Rastelli-Verschraubungen zu den ökologischen Produkten gezählt werden können, d.h. NICHT SCHÄDLICH.

Surface finishing of Carbon Steel Fittings

ZINC NICHELATING

Electrolytic process, which deposits an alloy of Zinc and Nickel on the metal, giving it greater hardness and resistance, slowing down the appearance of white corrosion (first signs after 500 hours) and red rust (first signs after 1500 hours), as well as giving it an excellent aesthetic appearance. Complies with the hours of salt spray exposure in accordance with ISO 9227-ASTM B117.

Rastelli Raccordi, probably the only manufacturer of fittings to have galvanizing systems in its production workshops, has developed the treatment described above in homage to the law in question.

We remind you that this treatment eliminates hexavalent chromium, which is known to be dangerous to humans and the environment, by including the Rastelli fitting among the ecological products, i.e. NON-HARMFUL.



Traitement de surface des raccords en acier au carbone

NICHÉLATION DU ZINC

Le processus électrolytique qui dépose un alliage de zinc et de nickel sur le métal, lui confère une plus grande dureté et résistance en ralentissant l'apparition de la corrosion blanche (premiers signes après 500 heures) ainsi que la rouille rouge (premiers signes après 1500 heures) lui donnant ainsi un excellent aspect esthétique. Ainsi les heures d'exposition au brouillard salin se révèlent conforme à la norme ISO 9227-ASTM B117.

RASTELLI RACCORDI qui est un des seuls fabricants de raccords à disposer des systèmes de traitement de surface dans ses ateliers de production, a développé le traitement décrit ci-dessus suivant les impératifs des nouvelles normes en vigueur.

Nous vous rappelons que ce traitement élimine le chrome hexavalent, connu pour être dangereux pour l'homme et l'environnement, en incluant le raccord RASTELLI parmi les produits écologiques, c'est-à-dire NON NOCIF.

Acabado superficial de racores de acero al carbono

RECUBRIMIENTO DE ZINC-NIQUEL

Proceso electrolítico que deposita una aleación de Zinc y Níquel sobre el metal, dotándolo de mayor dureza y resistencia, frenando la aparición de corrosión blanca (primeros signos a partir de las 500 horas) y óxido rojo (primeros signos a partir de las 1500 horas), además de darle un excelente aspecto estético. Cumple con las horas de exposición a niebla salina de acuerdo con la norma ISO 9227-ASTM B117.

Rastelli Raccordi, probablemente el único fabricante de racores que dispone de sistemas de galvanizado en sus talleres de producción, ha desarrollado el tratamiento descrito anteriormente de acuerdo con las disposiciones que requiere la ley en cuestión.

Le recordamos que este tratamiento elimina el cromo hexavalente, que se sabe que es peligroso para los seres humanos y el medio ambiente, incluye el racor Rastelli entre los productos ecológicos, es decir, NO NOCIVOS.



- Gli articoli su fondo colorato sono disponibili su richiesta con consegna da pronta a 60 giorni.
Prezzo: escluso dallo sconto massimo.
- Les articles sur fond coloré sont disponibles sur demande avec livraison d'immédiate jusqu'à 60 jours.
Prix: exclus de l'escompte maximum.
- The articles on a coloured background are available on request with prompt to 60-days delivery.
Price: excluded from maximum discount.
- Die Artikel auf buntem Hintergrund stehen zur Verfügung mit sofortiger bis 60-Tage Lieferzeit.
Preis: ausgeschlossen vom Höchststrabatt.
- Los artículos sobre fondo en color están disponibles a petición con entrega de pronta hasta 60 días.
Precio: excluidos del descuento máximo.



RESPONSABILITÀ PRODOTTI

La nostra ditta è assicurata da una Polizza di Responsabilità Prodotti per qualsiasi importo, disastri compresi.

La legge D.P.R. 224/88 CE/85-374 dice però che "la Responsabilità" sarà imputata alla parte che risulterà essere stata negligente.

Il rivenditore a sua volta ha la responsabilità di accertarsi se il cliente sa come deve essere impiegato il prodotto fornendo il catalogo tecnico-commerciale al momento della vendita. L'utente è responsabile se, pur in possesso delle istruzioni di come impiegare il prodotto, non le rispetta, credendole superflue per sua convinzione o superficialità. Quindi la legge prevede che ciascuna delle parti ne prenda responsabilità perché è conveniente per tutti collaborare per evitare casi o disastri. I diritti di garanzia dell'utilizzatore sono validi solo se vengono rispettate tutte le prescrizioni riportate sui Cat. Rastelli. Il mancato rispetto delle stesse può pregiudicare la sicurezza funzionale del prodotto e causare la perdita dei diritti di garanzia.

PRODUKTHAFTPFLICHT

Unsere Firma ist durch eine Produkthaftpflichtpolice für jeglichen Betrag, Unfälle inbegriffen, versichert.

Nach dem Gesetz D.P.R. 224/88 EG/85-374 haftet jedoch die Partei, die erwiesenermaßen nachlässig war. Das Produkt kann verantwortlich gemacht werden, wenn der Schaden durch seine Mängel verursacht wurde. Der Verkäufer trägt seinerseits die Verantwortung, sich zu vergewissern, daß der Kunde darüber unterrichtet ist, wie das Produkt einzusetzen ist. Der Anwender haftet, falls er, obwohl in Besitz der Gebrauchsanweisung, sie nicht berücksichtigt, weil er sie aus eigener Überzeugung oder Oberflächlichkeit für überflüssig hält.

Das Gesetz sieht vor, daß jede Partei die Verantwortung übernimmt, denn die Zusammenarbeit um Zwischenfälle Oder Unfälle zu vermeiden ist für alle von Vorteil. Die Gewährleistungen können vom Benutzer nur dann in Anspruch genommen werden, wenn alle in den Rastelli-Katalogen enthaltenen Hinweise beobachtet worden sind. Das Versäumnis, das zu tun, kann die Funktionssicherheit des Produktes beeinträchtigen und die Ungültigkeit der Gewährleistungsansprüche verursachen.

LIABILITY FOR PRODUCTS

Our company is insured, for an unlimited figure, by a Policy of Liability for Products, which also covers accidents.

The law D.P.R. 224/88 CE/85-374, however, states that "liability" will be attributed to the party which proves to have been negligent.

The product is liable if the damage caused proves to be due to a defect in the product itself. The retailer, in turn, is responsible for ascertaining whether his customer is fully aware of how the product should be used giving the commercial technical catalogue in force at the moment of the sale. The user is liable if, despite being in possession of instructions relating to use of the product, he fails to follow these instructions, believing them to be merely a superfluous formality. The law, therefore, prescribes that both parties should accept their due measure of responsibility, as it is better that everyone should make a concerted effort to avoid cases or accidents of this nature. The guarantee rights can be claimed by the user only if all the instructions contained in the RASTELLI Catalogues have been observed. A failure to observe them may impair the functional safety of the product and implicate the loss of the guarantee rights.

RESPONSABILITE PRODUITS

En cas de sinistre notre Société est assurée par une police d'assurance "responsabilité produits" a montant illimité.

La loi D.P.R. 224/88 CE/85-374 précise que la responsabilité sera imputée à la partie qui se révélera avoir été négligente. Le produit sera mis en cause si le dommage est du à un défaut de fabrication. Tout utilisateur devra avoir pris connaissance de la notice de montage et de la capacité d'utilisation de nos produits en fournissant du catalogue technique en vigueur au moment de la vente. Dans le cas contraire, l'utilisateur sera tenu pour responsable des risques encourus. La loi prévoit que chacune des parties assume ses responsabilités étant recommandé à tous de collaborer afin d'éviter tout dommage. Des notices d'utilisation de nos produits sont à votre disposition. Les droits de garantie de l'utilisateur ne sont valables que si l'on a observé toutes les prescriptions contenues dans les Catalogues de RASTELLI. Leur inobservance peut compromettre la sécurité fonctionnelle du produit et causer la perte des droits de garantie.

RESPONSABILIDAD DE LOS PRODUCTOS

Nuestra sociedad está asegurada mediante una Póliza de Responsabilidad de los Productos, por cualquier importe, incluyendo posibles desastres. Sin embargo, la ley D.P.R. 224/88 CE/85-374 dice que "la Responsabilidad" se imputará a la parte culpable de negligencia. A su vez, le corresponde al agente revendedor la responsabilidad de cerciorarse de que el cliente sabe cómo tiene que emplear el producto suministrando el catalogo técnico y comercial en uso en el momento de la venta. El usuario será responsable de los posibles daños si, aun conociendo las instrucciones para el uso correcto del producto, no las respeta considerándolas - por propia convicción o superficialidad - superfluas. La ley prevé, entonces, que cada parte asuma su responsabilidad, siendo conveniente para todos colaborar para prevenir todo tipo de accidente. Los derechos que la garantía otorga al usuario valen sólo si se respetan todas las instrucciones que se dan en los Catálogos Rastelli. El incumplimiento de dichas instrucciones puede comprometer la seguridad de funcionamiento del producto y provocar la pérdida de los derechos de garantía.

Le quote ed i dati tecnici riportati in questo catalogo tecnico commerciale sono soltanto a titolo indicativi. La RASTELLI RACCORDI si riserva il diritto di apportare variazioni tecniche, dimensionali ed estetiche ai propri prodotti senza preavviso. Il presente catalogo annulla e sostituisce tutti i precedenti. Testi originali in lingua italiana che fanno testo in caso di differenze interpretative con le versioni estere

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The figures and technical data set out in the tables in this catalogue are only intended as approximations.

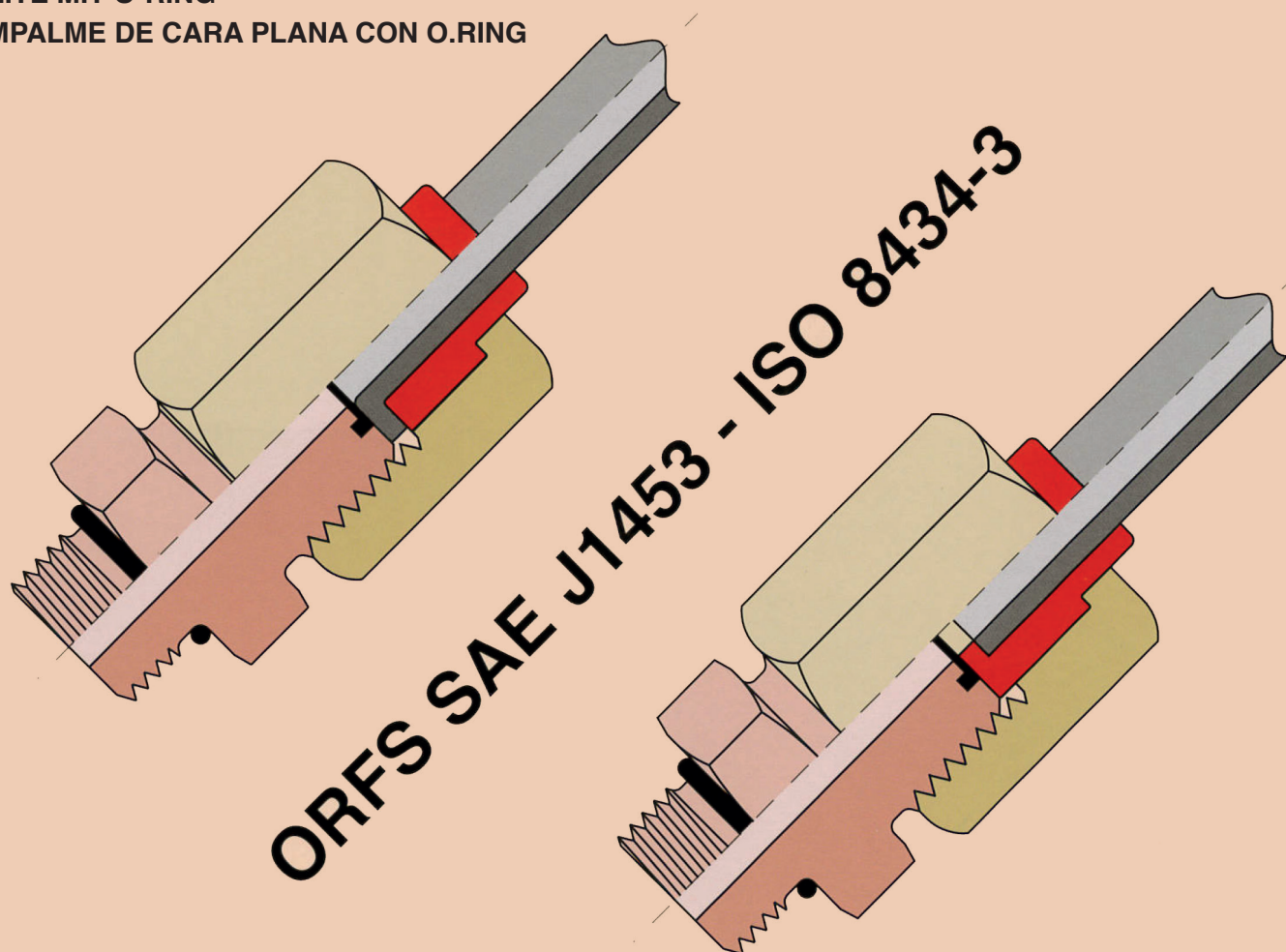
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27019 VILLANTERIO (PV) - ITALIA



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SIEGE CENTRAL - SEDE CENTRAL**

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Verkaufsorganisation in der Welt
Sales organization in the World
Organisation des ventes dans le Monde
Organización de ventas en el Mundo

**Rastelli Raccordi Trading
(Nanjing) Co., Ltd.**

Room C6-103, Jangsu Life Science & Technology
Innovation Park, n° 9 Weidi Rd, Qixia District, Nanjing PRC
email: yanhua.wu@rastelliraccordi.it

- CATALOGO:** RACCORDI PER TUBI SVASATI - SAE J 514 - 37°
RACCORDI A TENUTA CONICA 60° BSPP - ADATTATORI
- CATALOGUE:** RACCORDS POUR TUBES EVASES - SAE J 514 - 37°
RACCORDS AVEC ETANCHEITE CONIQUE 60° BSPP - ADAPTATEURS
- CATALOGUE:** FITTINGS FOR FLARED TUBES - SAE J 514 - 37°
TAPERED TIGHTNESS FITTINGS 60° BSPP - ADAPTORS
- KATALOG:** 37° ROHRVERSCHRAUBUNGEN FÜR BÖRDELROHR SAE J 514
DICHTKEGEL VERSCHRAUBUNGEN 60° BSPP - ADAPTER
- CATÁLOGO:** RACORES PARA TUBOS ABOCARDADOS - SAE J 514 - 37°
RACORES DE CIERRE CONICO 60° BSPP - ADAPTADORES



ORFS

RACCORDO A FACCIA PIANA CON O.RING PER ALTE PRESSIONI

TIPO SAE J 1453 - ISO 8434 - 3

RACCORD À SURFACE PLATE POUR HAUTES PRESSIONS

TYPE SAE J 1453 - ISO 8434 - 3

TYPE SAE HIGH PRESSURE FACE SEAL FITTINGS SAE J 1453 - ISO 8434 - 3

ANSCHLUSSSTÜCK MIT GLATTER SEITE FÜR HOHE DRÜCKE

TYP SAE J 1453 - ISO 8434 - 3

EMPALME DE CARA PLANA PARA ALTAS PRESIONES TIPO SAE J 1453 - ISO 8434 - 3

- Le particolari caratteristiche del raccordo ORFS garantiscono un montaggio meccanico altamente sicuro. La tenuta alla pressione avviene per il contatto di due superfici piane senza deformazione dei componenti. Oltre alla tenuta metallo su metallo una guarnizione O.Ring posta frontalmente sul raccordo completa la sicurezza del raccordo ORFS per quanto riguarda:

- La tenuta alle pressioni elevate
- Assenza di perdita
- Resistenza a serraggi elevati
- Facilità di montaggio
- Possibilità di effettuare montaggi e smontaggi ripetuti sostituendo la guarnizione O.Ring

Il raccordo ORFS è composto da quattro parti:

① CORPO RACCORDO

② DADO

③ BUSSOLA

④ O.Ring

secondo gli schemi A e B

- Les caractéristiques spéciales du raccord ORFS garantissent un montage mécanique remarquablement sûr. La tenue à la pression a lieu à travers le contact de deux surfaces plates sans déformation des composants. En plus de la tenue métallique sur métal, une garniture en anneau torique située de front sur le raccord complète la sécurité du raccord ORFS en ce qui concerne:

- la tenue aux pressions élevées
- absence de fuite
- résistance à des serrages élevés
- facilité de montage
- possibilité d'effectuer des montages et démontages répétés en remplaçant la garniture en anneau torique

Le raccord ORFS est constitué par quatre parties:

① CORPS DU RACCORD

② ÉCROU

③ DOUILLE

④ Anneaux toriques

selon les schémas A e B

- The special features of the ORFS fittings ensure extremely safe mechanical assembly. The seal by pressure is through the contact of two flat surfaces without deformation of the components. In addition to the metal on metal seal, an O-ring seal on the front of the fitting completes the safety of the ORFS fitting with reference to:

- sealing at high pressures
- no leaks
- resistance to firm tightening
- easy assembly
- ability to repeatedly assemble and dismantle for the replacement of the O-ring seals

The ORFS fitting has four parts:

① THE FITTING BODY

② LOCKNUT

③ GUIDE

④ O.Ring

in accordance with the diagrams

- Die besonderen Eigenschaften des ORFS Anschlussstücks gewährleisten eine hochsichere mechanische Montage. Die Druckdichtigkeit erfolgt durch den Kontakt zweier glatter Oberflächen ohne Verformung der Komponenten. Zusätzlich zur Dichtigkeit von Metall auf Metall vervollständigt eine O-Ring- Dichtung vorne auf dem Anschlussstück die Sicherheit des ORFS Anschlussstücks im Hinblick auf:

- Dichtigkeit gegenüber hohen Drücken



- Keine Verluste
- Festigkeit bei hohen Spannungen
- Einfache Montage
- Möglichkeit, das Anschlussstück wiederholt zusammenzubauen und auseinander zu nehmen, indem die O-Ring-Dichtung ausgetauscht wird.

Das ORFS Anschlussstück besteht aus vier Teilen:

- ① GEHÄUSE
- ② MUTTER
- ③ BUCHSE
- ④ O.Ring

entsprechend den Plänen

- Las particulares características del empalme ORFS garantizan un montaje mecánico de elevada seguridad. La hermeticidad a la presión se produce por contacto de dos superficies planas sin deformación de los componentes. Además de la hermeticidad de metal sobre metal una guarnición O.Ring colocada en la parte frontal del empalme completa la seguridad del empalme ORFS en relación a:

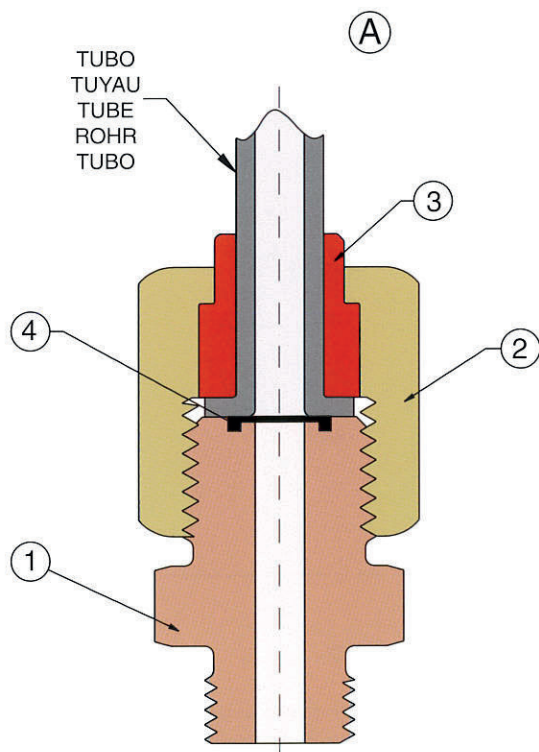
- la hermeticidad a las presiones elevadas
- ausencia de pérdidas
- resistencia a los fuertes apretados
- facilidad de montaje
- posibilidad de montajes y desmontajes repetidos sustituyendo la guarnición O.Rings

El empalme ORFS se compone de cuatro partes:

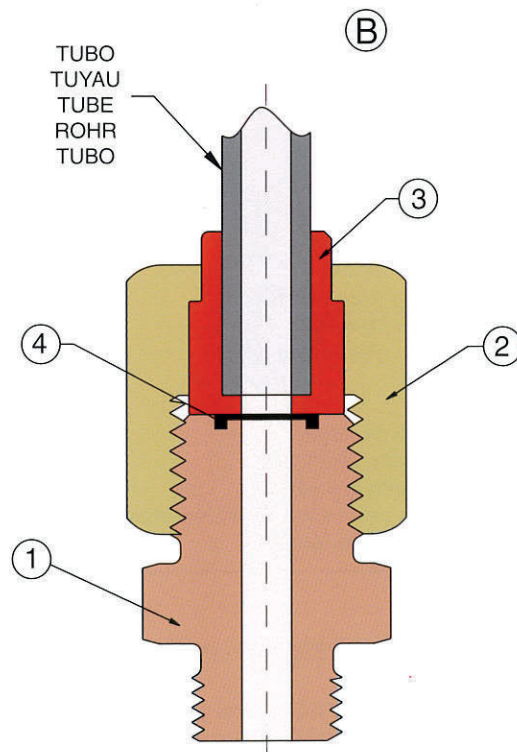
- 1) CUERPO DE EMPALME
- 2) TUERCA
- 3) BUJE
- 4) O.Rings

de acuerdo con los esquemas

SCHEMA - SCHÉMA - DIAGRAM - PLAN - ESQUEMA



SCHEMA **(A)** SISTEMA MECCANICO
Raccordo ORFS con bussola appoggiata su tubo svasato
SCHÉMA **(A)** SYSTÈME MÉCANIQUE
Raccord ORFS avec douille adossée
DIAGRAM **(A)** MECHANICAL SYSTEM
ORFS fitting with guide resting on it
PLAN **(A)** MECHANISCHES SYSTEM
ORFS Anschlussstück mit aufliegender Buchse
ESQUEMA **(A)** SISTEMA MECÁNICO
Empalme ORFS con buje apoyado



SCHEMA **(B)** SISTEMA A BRASARE
Raccordo ORFS con bussola brasata su tubo
SCHÉMA **(B)** SYSTÈME À BRASER
Raccord ORFS avec douille brasée sur tuyau
DIAGRAM **(B)** SYSTEM TO BRAZ
ORFS fitting with brazed guide on the tube
PLAN **(B)** LÖTSYSTEM
ORFS Anschlussstück mit auf Rohr angelöteter Buchse
ESQUEMA **(B)** SISTEMA A SOLDAR
Empalme ORFS con buje soldado en el tubo



DATI TECNICI - DONNEES TECHNIQUES - TECHNICAL DATA TECHNISCHE DATEN - DATOS TÉCNICOS

MATERIALE-MATÉRIAU-MATERIALS-MATERIAL-MATERIAL

- I raccordi ORFS - SAE 1453 / ISO 8434-3 vengono costruiti da corpi forgiati o da barra in acciaio conformi alle seguenti specifiche:
- Les raccords ORFS - SAE 1453 / ISO 8434-3 sont construits en corps forgés ou en barres acier conformes aux normes ci-dessous:
- ORFS - SAE 1453 / ISO 8434-3 fittings are made of forged body or steel bars conforming with the following specification:
- Die Verschraubungen ORFS - SAE 1453 / ISO 8434-3 werden aus Schmiedestücken oder Stahlstangen nach den folgenden Spezifikationen gearbeitet:
- Los racores ORFS - SAE 1453 / ISO 8434-3 han sido fabricados en acero a partir de pieza forjada o de barra de acuerdo con las siguientes especificaciones:

SPECIFICHE DESIGNATIONS SPECIFICATION SPEZIFIKATIONEN ESPECIFICACIONES	DESIGNAZIONE DELL'ACCIAIO AL CARBONIO DÉSIGNATION DE L'ACIER AU CARBONE DESIGNATION OF THE CARBON BEZEICHNUNG DES UNLEGIERTEN STAHL DESIGNACIÓN DEL ACERO AL CARBONO		DESIGNAZIONE DELL'ACCIAIO INOX DÉSIGNATION DE L'ACIER AU INOX DESIGNATION OF THE STEEL BEZEICHNUNG DES UNLEGIERTEN STAHL DESIGNACIÓN DEL ACERO INOX	
	SIMBOLICA SYMBOLIQUE SYMBOLIC SYMBOL SIMBÓLICA	NUMERICA NUMÉRIQUE NUMERICAL NUMMER NUMÉRICA	SIMBOLICA SYMBOLIQUE SYMBOLIC SYMBOL SIMBÓLICA	NUMERICA NUMÉRIQUE NUMERICAL NUMMER NUMÉRICA
Bussole ricavate da barre Forreaux pris dans les barres Bushed made from bars Aus Stangen gearbeitete Buchsen Férulas sacadas de barras	11 SMnPb37 UNI EN 10087	1.0737	AISI 316 Ti	1.4571
Dadi ricavati da barre Ecrous pris dans des barres Nuts made from bars Aus Stangen gearbeitete Schraubenmuttern Tuercas sacadas de barras	11 SMnPb37 UNI EN 10087	1.0737	AISI 316 Ti	1.4571
Corpi ricavati da barre Corps pris dans des barres Bodies made from bars Aus Stangen gearbeitete Körper Piezas rectas	11 SMnPb37 UNI EN 10087	1.0737	AISI 316 Ti	1.4571
Corpi ricavati da forgiati Corps pris dans des forgés Bodies made from forged Aus Stangen gearbeitete Schmiedestücke Piezas sacadas de formas	11 SMn 30 UNI EN 10087	1.0715	AISI 316	1.4401

PRESSIONI - PRESSIONS - PRESSURE - BETRIEBSDRUCKWERTEN - PRESIONES

- La pressione NOMINALE PN corrisponde ad un fattore di sicurezza di 4 volte (salvo valori diversi espressamente indicati)
- La pression NOMINALE PN correspond à un facteur de sécurité de 4 fois (sauf valeurs différentes expressément indiquées)
- PN rated pressure corresponds to a safety factor of 4 times (except for expressly indicated different values)
- Der Wenn Druck PN entspricht enthält einem Sicherheitsfaktor von 4 (vorbehaltlich ausdrücklich angegebener anderer Werte)
- La presión NOMINAL PN corresponde a un factor de seguridad de 4 veces (salvo valores diferentes expresamente indicados)
- Le pressioni indicate nelle specifiche tabelle raccordi sono da intendersi le MASSIME di ESERCIZIO compresi i valori di punta in condizioni di lavoro NORMALI e con temperature di esercizio MASSIME AMMISSIBILI TB (DIN 2401) di:
-40°C ÷ 120°C per l'acciaio al carbonio (DIN 3859) -60°C ÷ 20°C per l'acciaio INOX (DIN 17122 -W.Nr.1.4571)
- Les pressions indiquées sans les spécifications des tableaux des raccords doivent être considérées comme pressions maximales d'utilisation y compris les valeurs de crete dans des conditions NORMALE et à des températures



d'utilisation maximales admissibles TB (DIN 2401) de:

-40°C ÷ 120°C pour l'acier au carbone (DIN 3859) -60°C ÷ 20°C pour l'acier INOX (DIN 17122 -W.Nr.1.4571)

- The pressure values indicated in the relative coupling tables are understood as the maximum operating pressure values inclusive of peak value during standard operating conditions, with maximum permissible TB (DIN 2401) operating temperatures of:

-40°C ÷ 120°C for carbon steel (DIN 3859) -60°C ÷ 20°C for INOX (DIN 17122 -W.Nr.1.4571)

- Die in den Tabellen für Anschlußstücke angegebenen Drücke entsprechen den maximalen Betriebsdruckwerten einschließlich der Spitzenwerte unter NORMALEN Betriebsbedingungen und bei den höchsten zulässigen Betriebstemperaturen TB (DIN 2401) von:

-40°C ÷ 120°C für Kohlenstoff Stahl (DIN 3859) -60°C ÷ 20°C für rostfreien INOX (DIN 17122 -W.Nr.1.4571)

- Las presiones indicadas deben interpretarse como las máximas de funcionamiento, incluidos los valores punta en condiciones normales de trabajo y con las siguientes temperaturas de funcionamiento MAXIMAS ADMISIBLES.

-40°C ÷ 120°C para el acero al carbonio (DIN 3859) -60°C ÷ 20°C para el acero INOX (DIN 17122 -W.Nr.1.4571)

- Per l'acciaio inox sono necessarie riduzioni di pressione in rapporto all'aumento della temperatura di ESERCIZIO

- A noter que pour l'acier INOX des réductions de pression par rapport à l'augmentation de la température d'utilisation sont nécessaires.

- With stainless steel, pressure values must be reduced in accordance with increases in the operating temperature.

- Für rostfreien Stahl sind Druckminderungen im Verhältnis zum Anstieg der Betriebstemperatur notwendig.

- Para el acero inoxidable son necesarias reducciones de presión con respecto al aumento de la temperatura de funcionamiento

+ 50°C = - 4%~ della pressione / de la pression / pressure / Druck / con respecto a la presión

+ 100°C = -10%~ della pressione / de la pression / pressure / Druck / con respecto a la presión

+ 200°C = -20%~ della pressione / de la pression / pressure / Druck / con respecto a la presión

+ 300°C = -30%~ della pressione / de la pression / pressure / Druck / con respecto a la presión

+ 400°C = -35%~ della pressione / de la pression / pressure / Druck / con respecto a la presión

TEMPERATURE - TEMPÉRATURES - TEMPERATURES - BETRIEBSTEMPERATUR - TEMPERATURAS

- Materiale e temperature di ESERCIZIO delle guarnizioni impiegate sui raccordi SAE J1453 / ISO 8434-3

NBR (Perbunam® - BAYER) = -35°C ÷ 100°C per l'acciaio al carbonio (DIN 3859)

NBR (Viton® - DU PONT) = -25°C ÷ 200°C per acciaio INOX (DIN 17122)

- Matériau et températures d'utilisation des joints pour les raccords SAE J1453 / ISO 8434-3

NBR (Perbunam® - BAYER) = -35°C ÷ 100°C pour l'acier au carbone (DIN 3859)

NBR (Viton® - DU PONT) = -25°C ÷ 200°C pour l'acier INOX (DIN 17122)

- Materials and operating temperatures for SAE J1453 / ISO 8434-3 coupling seals

NBR (Perbunam® - BAYER) = -35°C ÷ 100°C for carbon steel (DIN 3859)

NBR (Viton® - DU PONT) = -25°C ÷ 200°C for (DIN 17122) stainless steel

- Material und Betriebstemperatur der an Anschlußstücken SAE J1453 / ISO 8434-3 verwendeten Dichtungen

NBR (Perbunam® - BAYER) = -35°C ÷ 100°C für Kohlenstoff Stahl (DIN 3859)

NBR (Viton® - DU PONT) = -25°C ÷ 200°C für rostfreien Stahl (DIN 17122)

- Material y temperaturas de funcionamiento de las juntas empleadas en los racores SAE J1453 / ISO 8434-3

NBR (Perbunam® - BAYER) = -35°C ÷ 100°C para el acero (DIN 3859)

NBR (Viton® - DUPONT) = -25°C ÷ 200°C para el acero al carbonio INOX (DIN 17122)

- Per i raccordi con guarnizioni attenersi alle disposizioni della NORMA DIN 7716 "PRODOTTI IN GOMMA" Requisiti per l'immagazzinaggio, pulizia e manutenzione.

- Pour les raccords avec joints il faut suivre les dispositions de la NORME DIN 7716 "PRODUITS EN CAOUTCHOUC". Condition requise pour l'ammagasinage, nettoyage et entretien.

- For the fittings with seals attend to the instructions of NORM DIN 7716 "RUBBER PRODUCTS". Requirements for storage, cleaning and maintenance.

- Für die Verschraubungen mit Dichtung befolgen der Anordnungen der NORM DIN 7716 "GUMMI ERZEUGNISSE". Anforderungen an die Lagerung, Reinigung und Wartung.

- Para los empalmes con guarniciones atenerse a las disposiciones de la NORMA DIN 7716 "PRODUCTOS DE GOMA" Requisitos para el almacenamiento, limpieza y manutención.



INNOVAZIONI

Finitura superficiale dei raccordi in acciaio al carbonio

ZINCATURA BIANCA

Raccorderia zincatura trivalente più fissaggio pellicolare, lubrificante, ecologica, resistenza alla nebbia salina: oltre 500 ore (riferimento Legge Europea 2000/53CE del 18.9.2000).

La Rastelli Raccordi, probabilmente unica casa produttrice di raccordi ad avere nelle proprie officine di produzione gli impianti di zincatura, ha messo a punto recentemente in omaggio alla legge in oggetto, il trattamento più sopra descritto.

► Per avere da subito identificabile l'effettivo trattamento in oggetto, la zincatura risulterà color bianco che appunto la nuova produzione prevede.

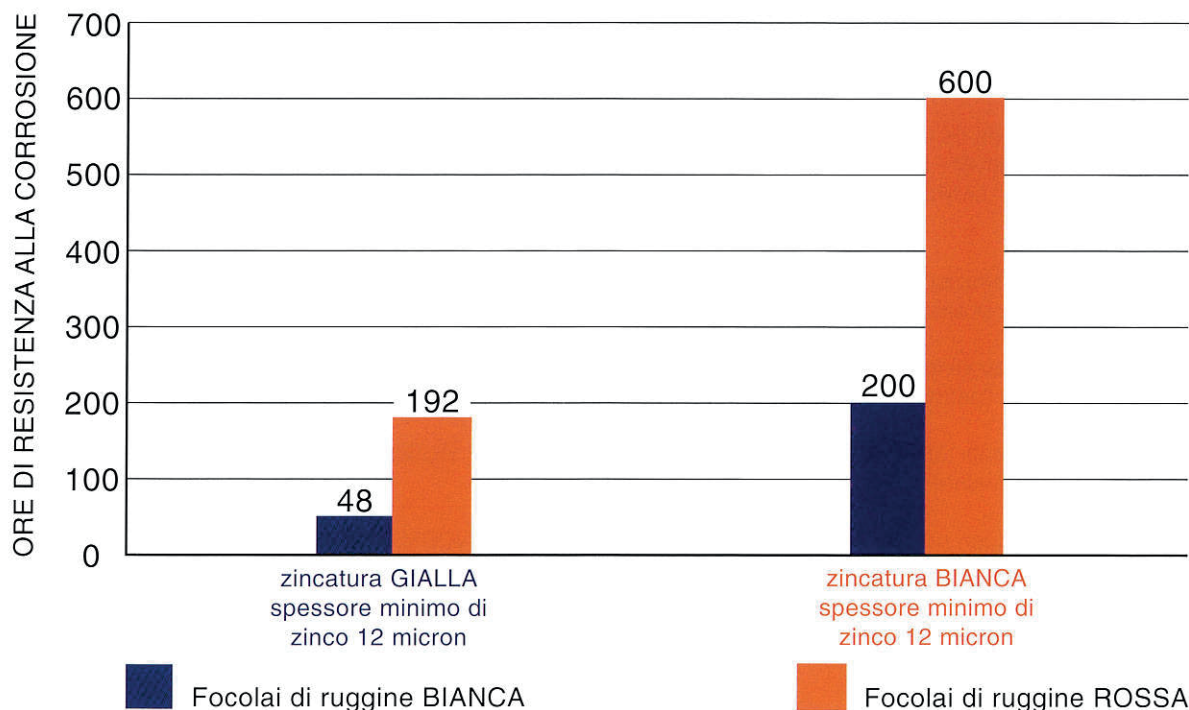
► (Fino a smaltimento delle scorte, così come prevede la legge, verranno pure consegnati ai clienti raccordi ancora zincati giallo).

► Ricordiamo che il trattamento nuovo, elimina il cromo esavalente, notoriamente pericoloso all'uomo e all'ambiente, inserendo il raccordo Rastelli tra i prodotti ecologici, cioè non NOCIVI.

NUOVA ZINCATURA DEI RACCORDI NORMA EUROPEA 2000/53 CE del 18.9.2000

VECCHIA (GIALLA)		NUOVA (BIANCA)	
DANNOSA ALL'UOMO E ALL'AMBIENTE		ECOLOGICA NESSUN DANNO ALL'UOMO E ALL'AMBIENTE	
ZINCATURA ESAVALENTE	+	ZINCATURA TRIVALENTE	+
PASSIVAZIONE GIALLA	=	FISSAGGIO PELLICOLARE	=
RESISTENZA: 192 ore in nebbia salina		RESISTENZA OLTRE 500 ore in nebbia salina lubrificazione su volventi, filettature comprese	

Con l'introduzione della NUOVA ZINCATURA BIANCA esente da CROMO 6, la RASTELLI RACCORDI soddisfa con LARGO ANTICIPO i requisiti della NORMATIVA EUROPEA 2000/53CE del 18.9.2000, che prevede la RIDUZIONE e successivamente il DIVIETO d'uso del CROMO 6.





INNOVATIONS

Finitions superficielles des raccords en acier

ZINGAGE BLANC

Raccords à zingage trivalent plus fixage pelliculaire, lubrifiant, écologique, résistance à la brume saline: plus de 500 heures. (Réf.: Loi européenne 2000/53 EC du 18.9.2000).

Rastelli Raccordi, probablement la seule maison productrice de raccords qui a, dans ses usines, des installations de zingage des produits, a mis au point récemment – en conformité avec la loi susmentionnée – le traitement décrit plus haut.

► Pour pouvoir identifier immédiatement l'exécution du traitement susdit, le zingage ets de couleur blanche, comme prévu justement par la nouvelle production.

► (Jusqu'a épuisement des stocks, comme prévu par la loi, on livrera au clients aussi des raccords à zingage jaune).

► On souligne que le nouveau traitement élimine le chrome hexavalent, notoirement dangereux pour l'homme et l'environnement, en mettant ainsi les raccords Rastelli parmi les produits écologiques, c'est-à-dire NON-NOCIFS.

NOUVEAU ZINGAGE DE RACCORDS - NORME EUROPEENNE 2000/53 CE 18.9.2000

ANCIEN ZINGAGE (JAUNE)
NUISIBLE A L'HOMME ET L'ENVIRONNEMENT

ZINGAGE HEXAVALENT +
PASSIVATION JAUNE =

RESISTANCE: 192 heures
dans la brume saline

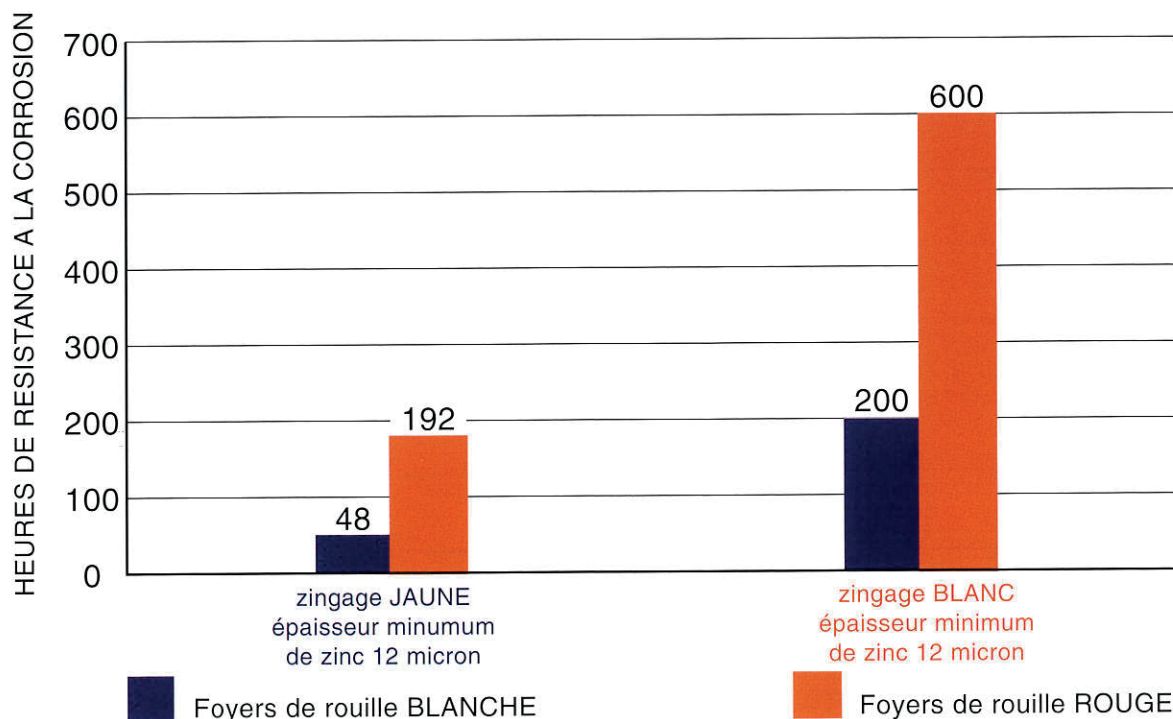
NOUVEAU ZINGAGE (BLANC)
ECOLOGIQUE, PAS DE DOMMAGE NI A
L'HOMME NI A L'ENVIRONNEMENT

ZINGAGE TRIVALENT +
FIXAGE PELLICULAIRE =

RESISTANCE: PLUS de 500 heures
dans la brume saline

Lubrification de pièces tournantes
y compris le filetage

Avec l'introduction du NOUVEAU ZINGAGE BLANC, SANS CHROME 6, RASTELLI RACCORDI satisfait, BIEN EN AVANCE, aux conditions de la NORME EUROPEENNE 2000/53 CE du 18.9.2000, qui prévoit la réduction et seccessivement l'interdiction de l'emploi du CHROME 6.





INNOVATIONS

Surface finishes for steel couplings

WHITE GALVANIZATION

Fittings with trivalent galvanization, plus film fixing, lubricant, ecological, resistance to salty mist: over 500 hours. (Ref.: European law 2000/53 EC of 18.9.2000).

Rastelli Raccordi, probably the only fitting manufacturing company which has also galvanizing equipments installed in its production plants, has recently adopted - in compliance with the law - the above described treatment.

- To permit immediate identification of the execution of the treatment, the galvanization color is white, as imposed by the new production.
- While stocks last, in accordance with the law, also yellow-galvanized fittings may continue to be delivered to customers).
- We should like to underline that the new treatment eliminates hexavalent chrome, notoriously dangerous to man and environment, thus putting the Rastelli fittings in the class of ecological products, that is NON-NOXIOUS products.

NEW GALVANIZATION OF FITTINGS - EUROPEAN NORM 2000/53 EC 18.9.2000

OLD GALVANIZATION (YELLOW)
HARMFUL FOR MAN AND ENVIRONMENT

**HEXAVALENT GALVANIZATION +
YELLOW PASSIVATION** =

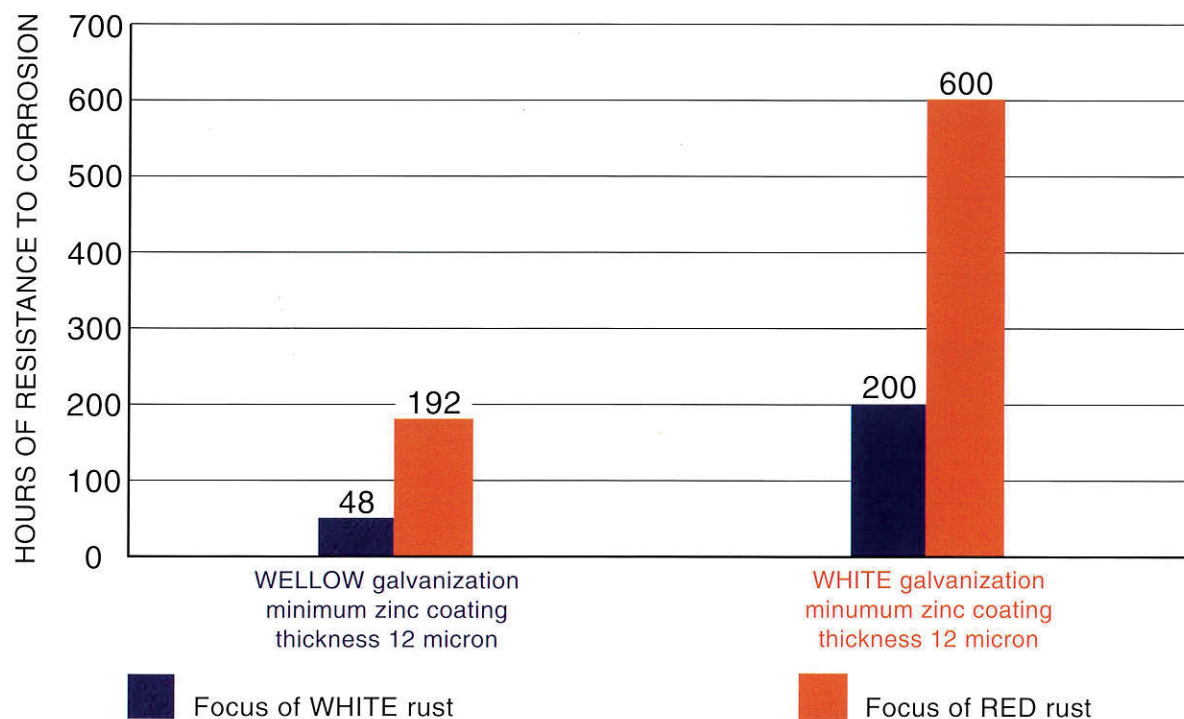
RESISTANCE: 192 hours
in salty mist

NEW GALVANIZATION (WHITE)
ENVIRONMENT-FRIENDLY: NO
DAMAGE TO MAN OR NATURE

**TRIVALENT GALVANIZATION +
FILM FIXING** =

RESISTANCE: OVER 500 hours
in salty mist
Lubrication of turning pieces,
including threads

With the introduction of the new WHITE GALVANIZATION, without CHROME 6, RASTELLI RACCORDI meets, VERY MUCH IN ADVANCE, the requirements of EUROPEAN NORM 2000/53 EC of 18.9.2000, which prescribes a reduction and eventually the prohibition of use of CHROME 6.





NEUERUNGEN

Oberflächenbehandlung der Stahlanschlußstücke

WEISSE VERZINKUNG

Rohrverschraubungen mit der schmierenden, umweltfreundlichen Chrom³ - Verzinkung plus Filmfixierung, Salznebelwiderstand: über 500 Stunden. (nach dem EU Gesetz 2000/53 EG vom 18.9.2000)

Rastelli Raccordi, wahrscheinlich der einzige Rohrverschraubungen-Hersteller mit Verzinkungsanlagen in den eigenen Werken, verfügt nun, dem o. g. Gesetz entsprechend, auch über die oben beschriebene Oberflächenbehandlung.

- Die o. a. Behandlung wird, wie für die neue Fertigung vorgesehen, durch die Farbe weiss sofort identifizierbar sein.
- (Wie vom Gesetz vorgesehen, werden wir unseren Kunden, solange vorrätig, auch noch gelb verzinkte Verschraubungen liefern).
- Wir weisen darauf hin, dass das für Menschen und Umwelt bekanntlich schädliche Chrom⁶ bei der neuen Behandlung ausgeschlossen wird, dadurch zählen die Rastelli Verschraubungen zu den Ökologischen, d. h. UNSCHÄDLICHEN Produkten.

NEUE VERZINKUNG DER ROHRVERSCHRAUBUNGEN - EUROPÄISCHE NORM 200/53 EG 18.9.2000

ALTE VERZINKUNG (GELB)

schädlich für Menschen und Umwelt

CHROM⁶ - VERZINKUNG +
GELBE PASSIVIERUNG =

WIDERSTAND GEGEN
SALZNEBEL: 192 STUNDEN

NEUE VERZINKUNG (WEISS)

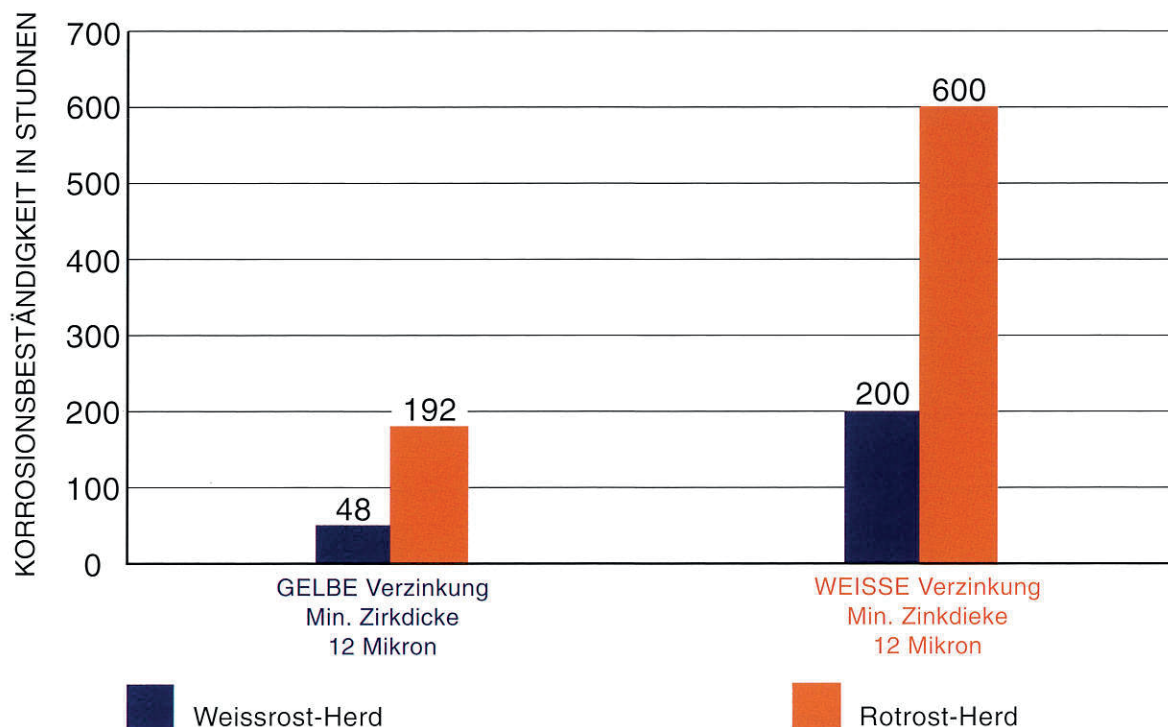
ökologisch: unschädlich für Menschen
und Umwelt

CHROM³ - VERZINKUNG +
FILMFXIERUNG =

WIDERSTAND GEGEN
SALZNEBEL: ÜBER 500 STUNDEN

Schmierung von Drehteilen einschliesslich
Gewinden

Mit der Einführung der NEUEN WEISSEN VERZINKUNG ohne CHROM⁶, kommt RASTELLI RACCORDI den Vorschriften der EUROPÄISCHEN NORM 2000/53 EG vom 18.9.2000 weit im voraus nach. Diese Norm schreibt zunächst die Einschränkung von Chrom vor und verbietet sukzessive die Verwendung desselben.





INNOVACIONES

Acabado de superficie de los empalmes de acero al carbono

CINCADO BLANCO

Racores de cincado trivalente, más fijación a modo de película, lubricante, ecológico, resistencia a la bruma salina: más de 500 horas. (Ref: Ley europea 2000/53 CE del 18.9.2000).

Rastelli Raccordi, probablemente la única empresa productora de racores que tiene en sus fábricas equipos de cincado, a puesto recientemente a punto de conformidad con la mencionada ley, el tratamiento arriba descrito.

► Para poder identificar inmediatamente la ejecución del tratamiento mencionado el cincado es de color blanco como está previsto en la nueva producción.

► (Hasta finalizax existencias, y de acuerdo con lo dispuesto por la ley, se suministrarán a los clientes, aún racores de cincado amarillo).

► Recordamos que el nuevo tratamiento elimina el cromo hexavalente, que como es sabido, es peligroso para el hombre y el medio ambiente, situando así los racores Rastelli entre los productos ecológicos, es decir no NOCIVOS.

NUEVO CINCADO DE RACORES - NORMA EUROPEA 2000/53 CE DEL 18.9.2000

ANTIGUO CINCADO (AMARILLO)
NOCIVO AL HOMBRE Y AL MEDIO AMBIENTE

CINCADO HEXAVALENTE+
PASIVACION AMARILLA =

RESISTENCIA: 192 horas
a la bruma salina

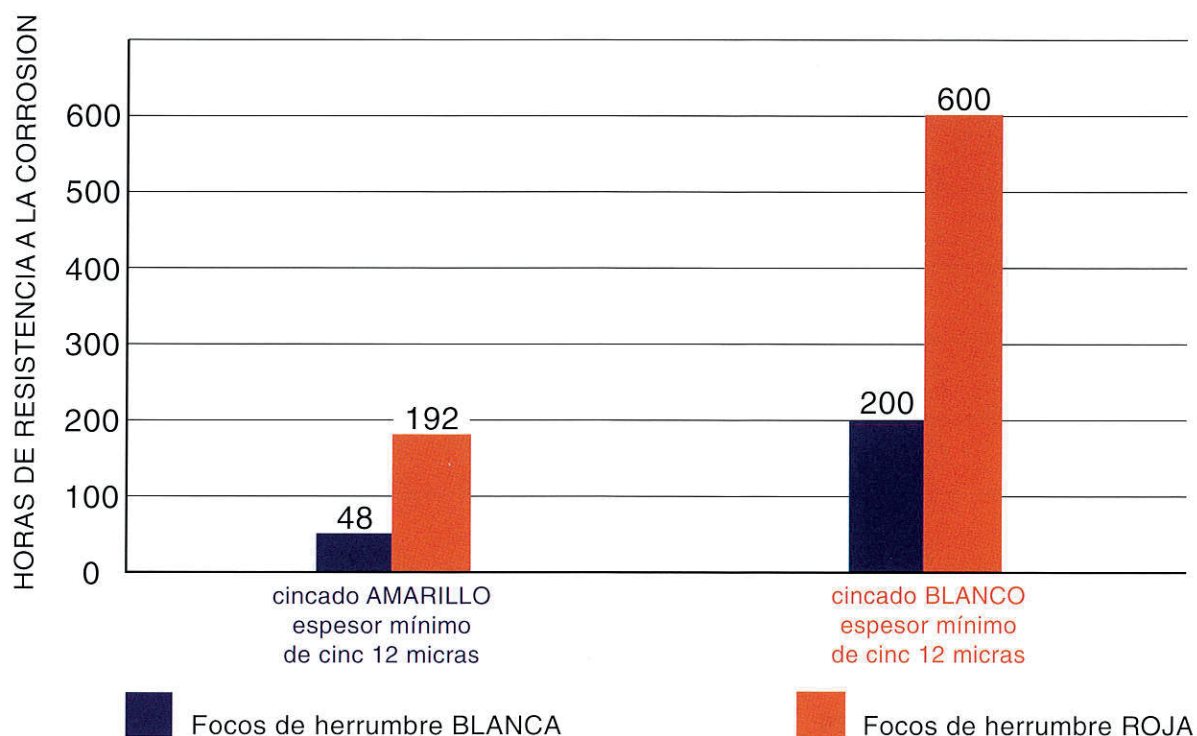
NUEVO CINCADO (BLANCO)

ECOLOGICO, NO ES NOCIVO
NI AL HOMBRE NI AL MEDIO AMBIENTE

CINCADO TRIVALENTE +
FIJACION A MODO DE PIELICULA =

RESISTENCIA: MAS de 500 horas
a la bruma salina
lubrifica la superficie,
inclusive las roscas

Con la introducción del NUEVO CINCADO BLANCO, SIN CROMO 6, RASTELLI RACCORDI satisface con mocho anticipo, los requisitos de la NORMA EUROPEA 2000/53 del 18.9.2000, que prevee la reducción y sucesivamente la prohibición del empleo del CROMO 6.





PREPARAZIONE DEL TUBO METRICO SVASATO

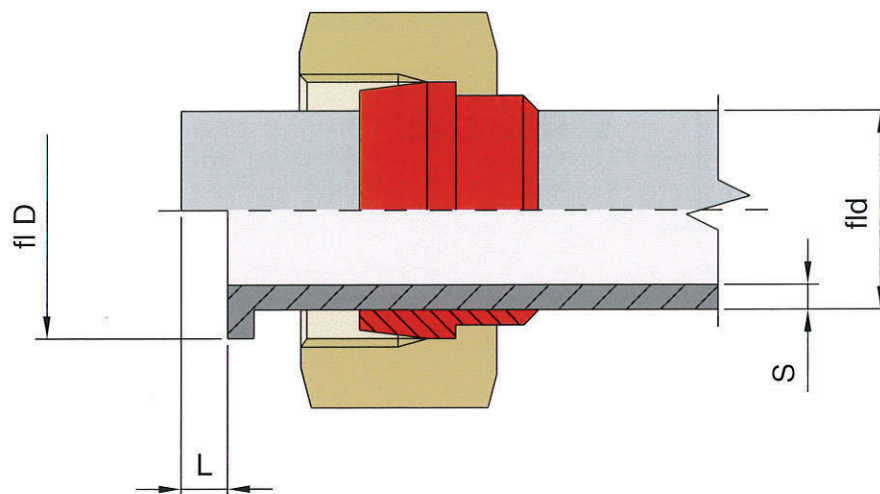
PRÉPARATION DU TUBE MÉTRIQUE ÉVASÉ

PREPARATION OF THE COUNTERSUNK METRIC PIPE

VORBEREITUNG DES SPITZGESENKTEN METRISCHEN ROHRES

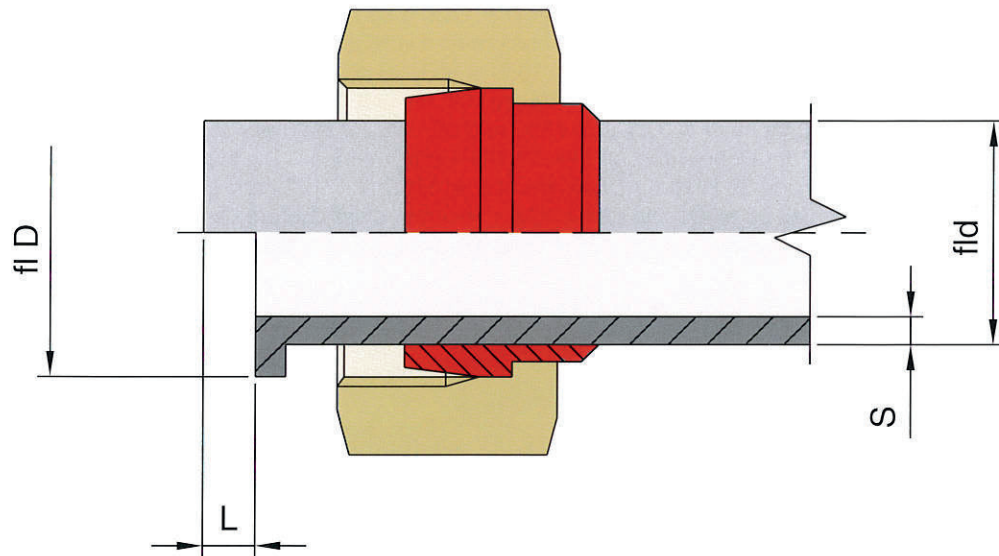
PREPARACIÓN DEL TUBO MÉTRICO AVELLANADO

- Le dimensioni e le tolleranze dei tubi devono essere secondo la NORMA DIN 2391 - La durezza dopo la normalizzazione deve essere 75 HRB per l'acciaio st 37.4 DIN 1630 e 85 HRB per l'acciaio inox AISI 316Ti DIN 17122
- Les dimensions et les tolérances des tubes doivent être conformes à la NORME DIN 2391 - La dureté après la normalisation doit être de 75 HRB pour l'acier st 37.4 DIN 1630 et 85 HRB pour l'acier inoxydable AISI 316TI DIN 17122
- The size and tolerances of the pipes must be in accordance with REGULATION DIN 2391. Hardness after standardisation must be 75 HRB for steel st 37.4 DIN 1630 and 85 HRB for stainless steel AISI 316TI DIN 17122
- Abmessungen und Toleranzen der Rohre müssen der DIN 2391 entsprechen – Die Härte nach der Normung muss 75 HRB für Stahl st 37.4 DIN 1630 und 85 HRB für Edelstahl AISI 316TI DIN 17122 betragen.
- Las dimensiones y los márgenes de tolerancia de los tubos tienen que ser conformes a la NORMA DIN 2391 - La dureza después de la normalización debe ser de 75 HRB para el acero st 37.4 DIN 1630 y 85 HRB para el acero inox AISI 316TI DIN 17122.



Ød Ø Tubo Tube O.D. Rohr AD Ø Tubo	S Spessore Epaisseur Thickness Dicke Espesor	L	ØD		Ød Ø Tubo Tube O.D. Rohr AD Ø Tubo	S Spessore Epaisseur Thickness Dicke Espesor	L	ØD	
			Min.	Max.				Min.	Max.
6	1	4.5	12.1	12.7	20	2	3.7	26.6	27.8
	1.5	5.5				2.5	3.9		
8	1	5.1	14.9	15.7	22	3	4	32.9	34.2
	1.5	4.8				2	6.7		
10	1	2.5	14.9	15.7	25	2.5	7.3	32.9	34.2
	1.5	3.9				2.5	4.2		
	2	3.6				3	4.5		
12	1	3.5	18.0	18.9	28	4	4.3	39.4	40.5
	1.5	4.3				2	6.2		
	2	4.5				2.5	7.3		
15	1.5	4.5	22.2	23.4	30	2	4.9	39.4	40.5
	2	4.9				3	5.2		
	1.5	3				4	5.3		
16	2	3.2	22.2	23.4	32	3	3.7	39.4	40.5
	2.5	3.3				4	3.7		
	1.5	6.1				3	7.1		
18	2	5.5	26.6	27.8	35	3	5	47.3	48.5
						4	5		

PREPARAZIONE DEL TUBO POLLICI SVASATO
PRÉPARATION DU TUYAU POUCES ÉVASÉ
PREPARATION OF THE REAMED
IMPERIAL-MEASURE TUBE
VORBEREITUNG DES ANGESENKTEN ROHRS ZOLL
PREPARACIÓN DEL TUBO PULGADAS AVELLANADO



Ød Ø Tubo Ø Tube Tube O.D. Rohr AD Ø Tubo	S Spessore Epaisseur Thickness Dicke Espesor		L	ØD	
	pollici pouces inches Zoll pulgadas	mm		Min.	Max.
1/4"	0.035	0.89	4.9	12.1	12.7
	0.049	1.24	3.8		
3/8"	0.035	0.89	3.6	14.9	15.7
	0.049	1.24	3.6		
	0.065	1.65	4		
1/2"	0.035	0.89	4	18	18.9
	0.049	1.24	3.6		
	0.065	1.65	3.6		
5/8"	0.049	1.24	4	22.2	23.4
	0.065	1.65	4		
	0.083	2.10	2.7		
	0.095	2.40	4.4		
3/4"	0.065	1.65	4	26.6	27.8
	0.083	2.10	3.2		
	0.095	2.40	2.8		
	0.120	3.05	4.2		
1"	0.083	2.10	3.6	32.9	34.2
	0.095	2.40	2.8		
	0.120	3.05	4.4		
	0.134	3.40	4.8		
1"1/4	0.120	3.05	3.0	39.4	40.5
	0.124	3.15	4		
	0.188	4.77	4.2		
1"1/2"	0.120	3.05	4.8	47.3	48.5
	0.156	3.96	5.8		
	0.188	4.77	5.4		



ISTRUZIONI DI MONTAGGIO CON TUBO SVASATO

1. Preparazione interna ed esterna del tubo

1.1 Tagliare il tubo ad angolo retto. È ammesso uno scostamento massimo di 0,5° rispetto all'asse del tubo.

1.2 Il taglio del tubo ad angolo retto è facilitato utilizzando un seghetto a mano e l'apposito attrezzo.

ATTENZIONE: Non utilizzare TAGLIATUBI o TRONCATRICI che presentano tubi tagliati con abbondanti sbavature ed un taglio obliquo. Difficoltà all'estremità dei tubi (tubi troncati o sbavati male) riducono la durata e la tenuta del raccordo.

1.3 Sbavare leggermente il tubo all'interno ed all'esterno.

2. Preparazione dei raccordi (LUBRIFICAZIONE)

2.1 Pulire e lubrificare il tubo da svasare.

2.2 Infilare il dado e la bussola sul tubo come indicato nello schema alla pagina 13-14.

3. Svasatura del tubo

3.1 Svasare il tubo con l'apposito apparecchio svasatore, seguendo le indicazioni riportate nella tabella di pagina 13-14.

3.2 Dopo la svasatura controllare la dimensione del ØD e la finitura, non ci devono essere rigature o sfogliature del materiale.

4. Montaggio del raccordo

4.1 Lubrificare con olio il filetto del raccordo ed il filetto del dado PER LA LUBRIFICAZIONE DEI RACCORDI IN ACCIAIO INOSSIDABILE USARE TASSATIVAMENTE UN ANTIGRIPPANTE (esempio Molyguard - Vanguard).

4.2 Appoggiare il tubo svasato sul corpo del raccordo, serrare manualmente il dado fino al totale avvitarmento.

4.3 Dopo aver controllato l'allineamento delle parti serrare il dado con una chiave fino al totale accoppiamento delle superfici di tenuta.

4.4 La chiusura del dado di serraggio può essere eseguita usando le coppie di serraggio consigliate nella tabella di pagina 27.

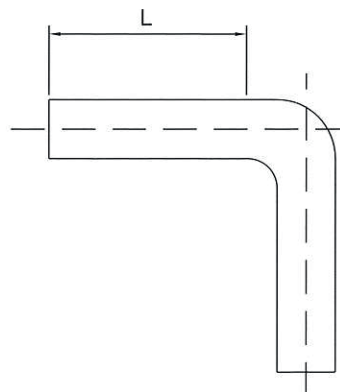
5. Rimontaggio

5.1 Dopo ogni smontaggio controllare l'integrità delle guarnizioni O.Ring, eventualmente sostituirle e riavvitare saldamente il dado sul raccordo come nel primo montaggio (utilizzando la stessa forza) sostenendo con la seconda chiave il raccordo.

6. Lunghezza minima dei tubi

6.1 La lunghezza minima del tubo diritto nelle curve deve essere:

L= 35mm min. per tubi	6 - 1/4"
	8 - 5/16"
	10 - 3/8"
L= 48mm min. per tubi	12 - 1/2"
	14 - 15 - 16 - 5/8"
	18 - 20 - 3/4"
	22 - 25 - 1"
	28 - 30 - 32 - 1 1/4"
	35 - 38 - 1 1/2"



ATTENZIONE: Il tratto di tubo diritto nelle curve "L" non deve presentare differenze di circolarità e di rettilineità tali da superare le tolleranze dimensionali del tubo.



INSTRUCTIONS DE MONTAGE AVEC TUYAU ÉVASÉ

1. Préparation interne et externe du tube

1.1 Couper le tube à angle droit. Un écart maximum de 0.5° est autorisé par rapport à l'axe du tube.

1.2 La coupe du tube à angle droit est facilitée en utilisant une scie manuelle et l'outil spécifique.

ATTENTION: Ne pas utiliser de COUPE-TUBES ou de TRONCONNEUSES présentant une coupe imprécise ou un manque d'équerre. La déformation de l'extrémité des tubes (tubes tronçonnés ou présentant des bavures importantes) réduit la tenue et l'étanchéité des raccords.

1.3 Ébavurer légèrement le tube à l'intérieur et à l'extérieur.

2. Préparation des raccords (LUBRIFICATION)

2.1 Nettoyer et graisser le tuyau à évaser

2.2 Enfiler l'écrou dans la douille sur le tuyau comme il est indiqué sur le schéma de la page 13-14.

3. Evasement du tuyau

3.1 Evaser le tuyau au moyen de l'appareil à évaser, en suivant les indications contenues dans le tableau de page 13-14.

3.2 Après l'évasement, contrôler la dimension de l'ØD et la finition, le matériel ne doit présenter aucune rayure ni effeuillage.

4. Montage du raccord

4.1 Graisser avec de l'huile le filet du raccord et le filet de l'écrou. POUR GRAISSER LES RACCORDS EN ACIER INOXYDABLE, IL EST INDISPENSABLE D'EMPLOYER UN ANTIGRIPPANT (par exemple Molyguard - Vanguard).

4.2 Poser le tuyau évasé sur le corps du raccord, serrer à la main l'écrou jusqu'à ce qu'il soit complètement vissé.

4.3 Après avoir contrôlé l'alignement des pièces, serrer l'écrou à l'aide d'une clé jusqu'à ce que les surfaces de tenue soient parfaitement assemblées.

4.4 La fermeture de l'écrou de serrage peut être effectuée en utilisant les couples de serrage conseillés dans le tableau de page 27.

5. Remontage

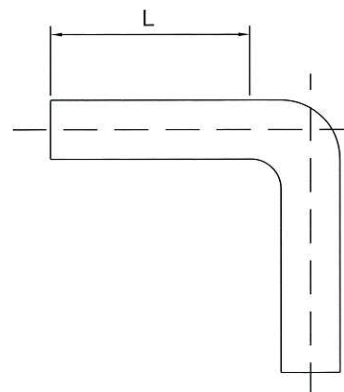
5.1 Après chaque démontage contrôler que les garnitures en anneau torique soient en bon état, au besoin les remplacer; resserrer fortement l'écrou sur le raccord comme lors du premier montage (utiliser la même force) et utiliser une deuxième clé pour maintenir le raccord.

6. Longueur minimum des tubes

6.1 La longueur minimum du tube droit dans les coudes doit être:

L= 35mm min. pour tuyaux 6 - 1/4"
8 - 5/16"
10 - 3/8"

L= 48mm min. pour tuyaux 12 - 1/2"
14 - 15 - 16 - 5/8"
18 - 20 - 3/4"
22 - 25 - 1"
28 - 30 - 32 - 1 1/4"
35 - 38 - 1 1/2"



ATTENTION: La longueur du tube droit entre les coudes "L" ne doit pas présenter des différences de rotondité et d'alignement dépassant les tolérances de dimension du tube.



ASSEMBLY INSTRUCTIONS WITH THE REAMED TUBE

1.1 Cut the pipe at right angle. A maximum variation of 0.5° in relation to the pipe axis is permitted.

1.2 It is easier to cut the pipe at a right angle if a hacksaw is used with the special tool.

CAUTION: Never use pipe cutters or cut-off saws which leave the pipe ends with abundant burrs and slanted cuts. Pipe ends with burrs or incorrect angles reduce the lifetime and sealing efficiency of the union.

1.3 Deburr the inside and outside of the pipe slightly.

2. Preparing the unions (LUBRICATION)

2.1 Clean and lubricate the tube to ream.

2.2 Put the nut in the guide on the tube as shown in the diagram on page 13-14.

3. Reaming the tube

3.1 Ream the tube with the appropriate reaming machine, following the indications in the table on page 13-14.

3.2 After reaming check the size and finish of the ØD; there shouldn't be any lines or exfoliation of the material.

4. Assembling the fitting

4.1 Lubricate the threads of the junction and nut with oil. USE ONLY AN ANTI-SEIZING PRODUCT SUCH AS MOLYGUARD - VANGUARD FOR LUBRICATING STAINLESS STEEL JUNCTIONS.

4.2 Rest the reamed tube on the body of the fitting, close the nut manually until it is completely tightened.

4.3 After checking the alignment of the parts, tighten the nut with a spanner until the sealing surfaces are completely coupled.

4.4 Tightening the lock-nut can be done using the tightening torque advised in the table on page 27.

5. Reassembly

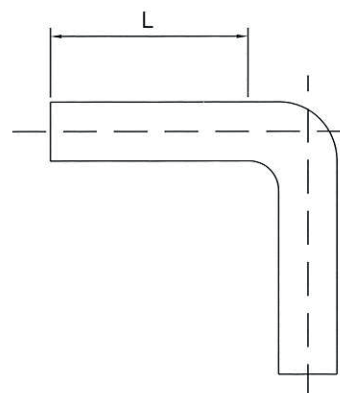
5.1 Whenever the pipe connections are dismantled, check the integrity of the O-ring seals and, if necessary, replace them. Screw the nut onto the junction tightly, as the first installation (using the same force), supporting the union with a second spanner.

6. Minimum pipe length

6.1 The minimum length of straight pipe at the elbows must be at least twice the thickness of the nut:

L = 35mm min. for tubes 6 - 1/4"
 8 - 5/16"
 10 - 3/8"

L = 48mm min. for tubes 12 - 1/2"
 14 - 15 - 16 - 5/8"
 18 - 20 - 3/4"
 22 - 25 - 1"
 28 - 30 - 32 - 1 1/4"
 35 - 38 - 1 1/2"



CAUTION: The straight section of pipe in elbows "L" must not show any differences in roundness or straightness which exceed the dimensional tolerances of the pipe.

MONTAGEANLEITUNGEN MIT ANGESENKTEM ROHR

1. Interne und externe Rohrvorbereitung

1.1 Das Rohr rechtwinklig absägen. Die max. zulässige Abweichung von der Rohrachse beträgt 0,5°.

1.2 Das rechtwinklige Zusägen des Rohrs wird durch die Verwendung einer Handsäge und der entsprechenden Vorrichtung erleichtert.

ACHTUNG: Rohrschneider oder Abstechmaschine bitte nicht verwenden, denn dabei entstehen Rohre mit starken Graten und schrägem Schnitt. Verformungen des Rohrendes (schlecht abgestochene oder entgratete Rohre) reduzieren Lebensdauer und Dichtheit der Verschraubung.

1.3 Das Rohr innen und außen leicht entgraten.

2. Vorbereitung der Verschraubungen (SCHMIERUNG)

2.1 Das anzusenkende Rohr reinigen und schmieren.

2.2 Die Mutter in die Buchse auf dem Rohr einsetzen, laut Schema auf Seite 13-14.

3. Ansenkung des Rohrs

3.1 Das Rohr mit dem entsprechenden Spitzsenker ansenken, laut den Angaben in der Tabelle auf Seite 13-14.

3.2 Nach der Ansenkung die Abmessungen von ØD und die Beschaffenheit überprüfen. Das Material darf keine Rillen oder Abblätterungen aufweisen.

4. Montage Anschlussstück

4.1 Das Gewinde von Verschraubung und Mutter mit Öl schmieren. FÜR DIE SCHMIERUNG VON EDELSTAHL-VERSCHRAUBUNGEN UNBEDINGT EIN FRESSSCHUTZMITTEL VERWENDEN (z.B. Molyguard - Vanguard).

4.2 Das angesenkte Rohr auf das Gehäuse des Anschlussstücks legen, die Mutter bis zur kompletten Verschraubung manuell anziehen.

4.3 Nach Kontrolle der Ausrichtung der Teile die Mutter mit einem Schraubenschlüssel anziehen, bis die Oberflächen vollkommen dicht aufeinander liegen.

4.4 Der Verschluss der Befestigungsmutter kann unter Verwendung der in der Tabelle auf Seite 27 empfohlenen Anzugsmomente vorgenommen werden.

5. Remontage

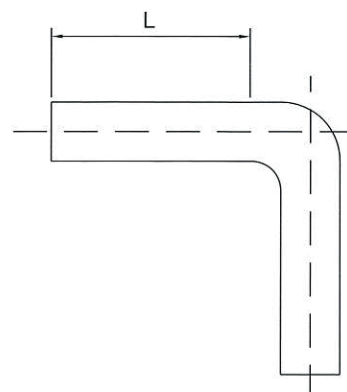
5.1 Nach jedem Lösen der Rohrverbindung kontrollieren, ob die O-Ring-Dichtungen unversehrt sind; eventuell austauschen und die Mutter wie bei der ersten Montage (mit gleichem Kraftaufwand) an die Verschraubung anschrauben, wobei diese mit Hilfe eines zweiten Schlüssels zu stützen ist.

6. Mindestrohrlänge

6.1 Mindestlänge des geraden Rohrendes bei Kurven:

L = 35mm min. für Rohre 6 - 1/4"
8 - 5/16"
10 - 3/8"

L = 48mm min. für Rohre 12 - 1/2"
14 - 15 - 16 - 5/8"
18 - 20 - 3/4"
22 - 25 - 1"
28 - 30 - 32 - 1 1/4"
35 - 38 - 1 1/2"



ACHTUNG: Das gerade Rohrende bei den Kurven "L" darf keine Rundungen- oder Geradlinigkeitsabweichungen aufweisen, die Maßtoleranzen nach überschreiten.



INSTRUCCIONES PARA EL MONTAJE CON TUBO AVELLANADO

1. Preparación interna y externa del tubo

- 1.1 Cortar el tubo a ángulo recto. Se permite una desviación máxima de 0,5° respecto al eje del tubo
- 1.2 El corte del tubo a ángulo recto se facilita mediante el empleo de una sierra de mano y una específica herramienta

ATENCIÓN: No utilice el CORTATUBOS O CORTADORAS ya que se obtienen tubos cortados con abundantes rebabados y un corte oblicuo. Las deformaciones en las extremidades de los tubos (tubos partidos o mal perfilados) reducen la duración y la estanqueidad del empalme.

- 1.3 Rebarbar ligeramente el tubo por el interior y exterior.

2. Preparación des empalmes (LUBRICACIÓN)

- 2.1 Limpiar y lubricar el tubo a avellanar.
- 2.2 Introducir la tuerca en el buje del tubo como se indica en el esquema de la página 13-14.

3. Avellanado del tubo

- 3.1 Avellanar el tubo utilizando la específica herramienta avellanadora, siguiendo las indicaciones facilitadas en la tabla de la página 13-14.
- 3.2 Después del avellanado, comprobar el tamaño del ØD y el acabado, el material no tiene que presentar rayados o exfoliaciones.

4. Montaje del empalme

- 4.1 Lubricar el filete del empalme y de la tuerca con aceite. PARA LA LUBRICACIÓN DE LOS EMPALMES DE ACERO INOXIDABLE SE DEBERÁ UTILIZAR NECESARIAMENTE UN ANTIGRIPANTE (por ejemplo Molyguard-Vanguard).
- 4.2 Apoyar el tubo avellanado sobre el cuerpo del empalme, apretar la tuerca a mano hasta su completo atornillado.
- 4.3 Después de haber comprobado el alineamiento de las partes, apretar la tuerca con una llave hasta el total acoplamiento de las superficies de junta.
- 4.4 El cierre de la tuerca de apretado puede realizarse utilizando los pares de apretado aconsejados en la tabla de la página 27.

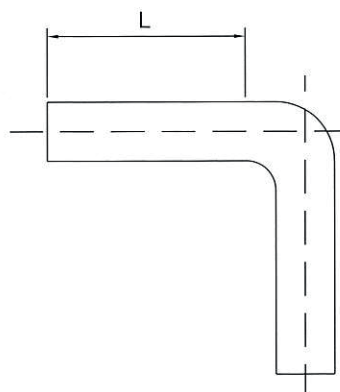
5. Remontaje

- 5.1 Después de cada desmontaje se deberá comprobar la integridad de las guarniciones O-Ring y, si fuera necesario, sustituirlas y apretar correctamente la tuerca en el empalme como ya se hizo durante el primer montaje (empleando la misma fuerza) sujetando el empalme con una segunda llave.

6. Longitud mínima de los tubos

- 6.1 La longitud mínima de la parte recta de las curvas tiene que ser:

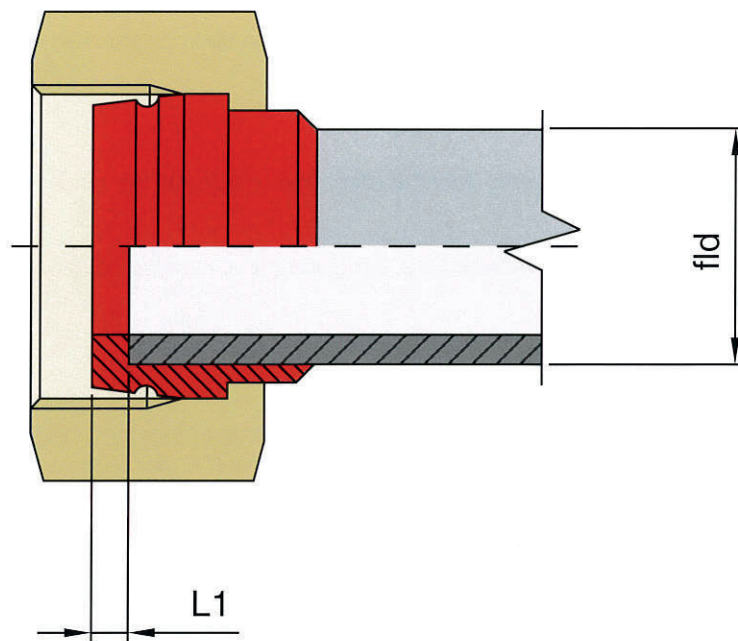
L= 35mm min. para tubos	6- 1/4"
	8 - 5/16"
	10 - 3/8"
L= 48mm min. para tubos	12 - 1/2"
	14 - 15 - 16 - 5/8"
	18 - 20 - 3/4"
	22 - 25 - 1"
	28 - 30 - 32 - 1"1/4
	35 - 38 - 1"1/2



ATENCIÓN: El tramo de tubo recto en las curvas "L" no deben presentar diferencias de circunferencia ni rectilineidad que superen los márgenes de tolerancia dimensionales del tubo.

PREPARAZIONE TUBO DA BRASARE **PRÉPARATION DU TUBE À BRASER** **PREPARATION OF THE PIPE TO BRAZE** **VORBEREITUNG DES ZU LÖTENDEN ROHRES** **PREPARACIÓN DEL TUBO A SOLDAR**

- Nel calcolare la lunghezza totale del tubo bisogna togliere la misura indicata dalla quota L1 indicata in tabella.
- En calculant la longueur du tube, il faut soustraire la dimension indiquée par la cote L1 dans le tableau.
- In calculating the length of the pipe, the measure indicated must be deducted from the share L1 shown in the table.
- Bei der Berechnung der Rohrlänge muss das von der Höhe angegebene Maß weggenommen werden L1.
- Al calcular la longitud del tubo será necesario quitar la medida indicada en la cuota L1 mostrada en la tabla.



$\varnothing d$ $\varnothing$ Tubo - $\varnothing$ Tube - Tube O.D. Rohr AD - $\varnothing$ Tubo		L1
mm	pollici - pouces - inches Zoll - pulgadas	
6	1/4"	1
8	5/16"	1
10	3/8"	1
12	1/2"	1
14-15-16	5/8"	1.5
18-20	3/4"	1.5
22-25	1"	1.5
28-30-32	1 1/4"	1.5
35-38	1 1/2"	1.5



ISTRUZIONE DI MONTAGGIO CON BUSSOLA BRASATA

1. Preparazione interna ed esterna del tubo

1.1 Tagliare il tubo ad angolo retto. È ammesso uno scostamento massimo di 0,5° rispetto all'asse del tubo.

1.2 Il taglio del tubo ad angolo retto è facilitato utilizzando un seghetto a mano e l'apposito attrezzo.

ATTENZIONE: Non utilizzare TAGLIATUBI o TRONCATRICI che presentano tubi tagliati con abbondanti sbavature ed un taglio obliquo. Difficoltà all'estremità dei tubi (tubi troncati o sbavati male) riducono la durata e la tenuta del raccordo.

1.3 Sbavare leggermente il tubo all'interno ed all'esterno.

2. Brasatura bussola - Tubo

2.1 Pulire il tubo e la bussola da brasare.

2.2 Infilare il dado e la bussola sul tubo come indicato nello schema a pagina 20.

2.3 Inserire il materiale d'apporto all'estremità del tubo. Verificare che il tubo sia completamente in battuta nella sede della bussola prima di eseguire la brasatura.

2.4 Verificare la presenza del cordolo di brasatura su tutta la circonferenza del diametro esterno del tubo. Pulire in modo accurato tutta la zona di brasatura.

3. Montaggio del raccordo

3.1 Lubrificare con olio il filetto del raccordo ed il filetto del dado PER LA LUBRIFICAZIONE DEI RACCORDI IN ACCIAIO INOSSIDABILE USARE TASSATIVAMENTE UN ANTIGRIPPANTE (esempio Molyguard - Vanguard).

3.2 Appoggiare il tubo svasato sul corpo del raccordo, serrare manualmente il dado fino al totale avvitarmento.

3.3 Dopo aver controllato l'allineamento delle parti serrare il dado con un chiave fino al totale accoppiamento delle superfici di tenuta.

3.4 La chiusura del dado di serraggio può essere eseguita usando le coppie di serraggio condizionate nella tabella a pagina 27.

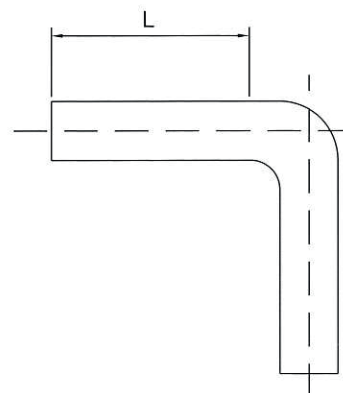
4. Rimontaggio

4.1 Dopo ogni smontaggio controllare l'integrità delle guarnizioni O.Ring eventualmente sostituirle e riavvitare saldamente il dado sul raccordo come nel primo montaggio (utilizzando la stessa forza) sostenendo con la seconda chiave il raccordo.

5. Lunghezza minima dei tubi

5.1 La lunghezza minima del tubo diritto nelle curve deve essere:

L= 35mm min. per tubi	6 - 1/4"
	8 - 5/16"
	10 - 3/8"
L= 48mm min. per tubi	12 - 1/2"
	14 - 15 - 16 - 5/8"
	18 - 20 - 3/4"
	22 - 25 - 1"
	28 - 30 - 32 - 1 1/4"
	35 - 38 - 1 1/2"



ATTENZIONE: Il tratto di tubo diritto nelle curve "L" non deve presentare differenze di circolarità e di rettilineità tali da superare le tolleranze dimensionali del tubo.



INSTRUCTIONS DE MONTAGE AVEC DOUILLE BRASÉE

1. Préparation interne et externe du tube

1.1 Couper le tube à angle droit. Un écart maximum de 0.5° est autorisé par rapport à l'axe du tube.

1.2 La coupe du tube à angle droit est facilitée en utilisant une scie manuelle et l'outil spécifique.

ATTENTION: Ne pas utiliser de COUPE-TUBES ou de TRONCONNEUSES présentant une coupe imprécise ou un manque d'équerre. La déformation de l'extrémité des tubes (tubes tronçonnés ou présentant des bavures importantes) réduit la tenue et l'étanchéité des raccords.

1.3 Ébavurer légèrement le tube à l'intérieur et à l'extérieur.

2. Brasage douille

2.1 Nettoyer le tuyau et la douille à braser.

2.2 Enfiler l'écrou et la douille dans le tuyau comme il est indiqué sur le schéma de page 20.

2.3 Introduire le matériel d'apport à l'extrémité du tuyau. Contrôler que le tuyau bute complètement contre le siège de la douille avant d'effectuer le brasage.

2.4 Vérifier la présence du cordon de brasage sur toute la circonférence du diamètre externe du tuyau. Nettoyer soigneusement toute la zone de brasage.

3. Montage du raccord

3.1 Graisser avec de l'huile le filet du raccord et le filet de l'écrou. POUR GRAISSER LES RACCORDS EN ACIER INOXYDABLE, IL EST INDISPENSABLE D'EMPLOYER UN ANTIGRIPPANT (par exemple Molyguard - Vanguard).

3.2 Poser le tuyau évasé sur le corps du raccord, serrer à la main l'écrou jusqu'à ce qu'il soit complètement vissé

3.3 Après avoir contrôlé l'alignement des pièces, serrer l'écrou à l'aide d'une clé jusqu'à ce que les surfaces de tenue soient parfaitement assemblées.

3.4 La fermeture de l'écrou de serrage peut être effectuée en utilisant les couples de serrage conseillés dans le tableau de page 27.

4. Remontage

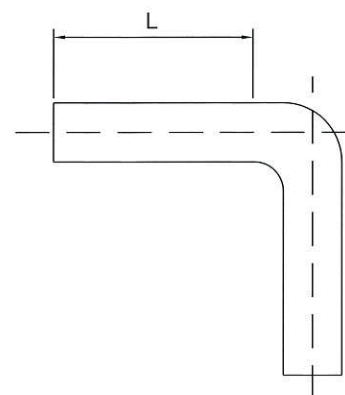
4.1 Après chaque démontage contrôler que les garnitures en anneau torique soient en bon état, au besoin les remplacer; resserrer fortement l'écrou sur le raccord comme lors du premier montage (utiliser la même force) et utiliser une deuxième clé pour maintenir le raccord.

5. Longueur minimum des tubes

5.1 Longueur minimale du tube droit dans les coudes:

L = 35mm min. pour tuyaux 6 - 1/4"
8 - 5/16"
10 - 3/8"

L = 48mm min. pour tuyaux 12 - 1/2"
14 - 15 - 16 - 5/8"
18 - 20 - 3/4"
22 - 25 - 1"
28 - 30 - 32 - 1 1/4"
35 - 38 - 1 1/2"



ATTENTION: La longueur du tube droit entre les coudes "L" ne doit pas présenter des différences de rotondité et d'alignement dépassant les tolérances de dimension du tube.



INSTRUCTIONS FOR ASSEMBLY OF THE BRAZED GUIDE

1. Preparing the inside and outside of the pipe

1.1 Cut the pipe at right angle. A maximum variation of 0.5° in relation to the pipe axis is permitted.

1.2 It is easier to cut the pipe at a right angle if a hacksaw is used with the special tool.

CAUTION: Never use pipe cutters or cut-off saws which leave the pipe ends with abundant burrs and slanted cuts. Pipe ends with burrs or incorrect angles reduce the lifetime and sealing efficiency of the union.

1.3 Deburr the inside and outside of the pipe slightly.

2. Brazing the guide

2.1 Clean the tube and the guide to braze.

2.2 Put the nut and the guide on the tube as shown in the diagram on page 20.

2.3 Insert the contributing material in the end of the tube. Check that the tube is completely seated in the housing of the guide before carrying out the brazing.

2.4 Check for the presence of brazing in the curb on all the circumference of the external diameter of the tube. Clean all the brazing area carefully.

3. Reaming the tube

3.1 Lubricate the threads of the junction and nut with oil. USE ONLY AN ANTI-SEIZING PRODUCT SUCH AS MOLYGUARD - VANGUARD FOR LUBRICATING STAINLESS STEEL JUNCTIONS.

3.2 Rest the reamed tube body of the fitting, close the nut manually until it is completely tightened.

3.3 After checking the alignment of the parts, tighten the nut with a spanner until the sealing surfaces are completely coupled.

3.4 Tightening the lock-nut can be done using the tightening torque advised in the table on page 27.

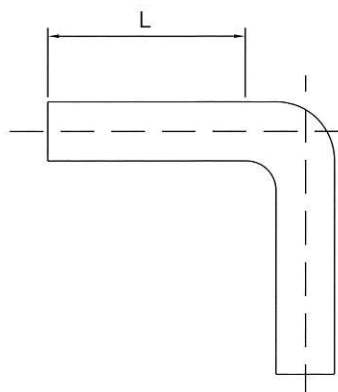
4. Reassembly

4.1 Whenever the pipe connections are dismantled, check the integrity of the O-ring seals and, if necessary, replace them. Screw the nut onto the junction tightly, as the first installation (using the same force), supporting the union with a second spanner.

5. Minimum pipe length

5.1 The minimum length of straight pipe at the elbows must be at least twice the thickness of the nut

L= 35mm min. for tubes	6 - 1/4"
	8 - 5/16"
	10 - 3/8"
L= 48mm min. for tubes	12 - 1/2"
	14 - 15 - 16 - 5/8"
	18 - 20 - 3/4"
	22 - 25 - 1"
	28 - 30 - 32 - 1 1/4"
	35 - 38 - 1 1/2"



CAUTION: The straight section of pipe in elbows "L" must not show any differences in roundness or straightness which exceed the dimensional tolerances of the pipe.

MONTAGEANLEITUNGEN MIT GELÖTETER BUCHSE

1. Interne und externe Rohrvorbereitung

1.1 Das Rohr rechtwinklig absägen. Die max. zulässige Abweichung von der Rohrachse beträgt 0,5°.

1.2 Das rechtwinklige Zusägen des Rohrs wird durch die Verwendung einer Handsäge und der entsprechenden Vorrichtung erleichtert.

ACHTUNG: Rohrschneider oder Abstechmaschine bitte nicht verwenden, denn dabei entstehen Rohre mit starken Graten und schrägem Schnitt. Verformungen des Rohrendes (schlecht abgestochene oder entgratete Rohre) reduzieren Lebensdauer und Dichtheit der Verschraubung.

1.3 Das Rohr innen und außen leicht entgraten.

2. Buchse lötén

2.1 Das Rohr und die zu lötende Buchse reinigen.

2.2 Mutter und Buchse auf das Rohr setzen, entsprechend den Angaben laut Schema auf Seite 20.

2.3 Das Zusatzmaterial am Ende des Rohrs einfügen. Vor dem Lötén sichergehen, dass das Rohr an der Stelle, wo sich die Buchse befindet, komplett am Anschlag anliegt.

2.4 Sicherstellen, dass der Löttrand auf dem gesamten Umfang des Rohraußendurchmessers vorhanden ist. Den gesamten Lötbereich sorgfältig reinigen.

3. Montage Anschlussstück

3.1 Das Gewinde von Verschraubung und Mutter mit Öl schmieren. FÜR DIE SCHMIERUNG VON EDELSTAHL-VERSCHRAUBUNGEN UNBEDINGT EIN FRESSSCHUTZMITTEL VERWENDEN (z.B. Molyguard - Vanguard).

3.2 Das angesenkte Rohr auf das Gehäuse des Anschlussstücks legen, die Mutter bis zur kompletten Verschraubung manuell anziehen.

3.3 Nach Kontrolle der Ausrichtung der Teile die Mutter mit einem Schraubenschlüssel anziehen, bis die Oberflächen vollkommen dicht aufeinander liegen.

3.4 Der Verschluss der Befestigungsmutter kann unter Verwendung der in der Tabelle auf Seite 27 empfohlenen Anzugsmomente vorgenommen werden.

4. Remontage

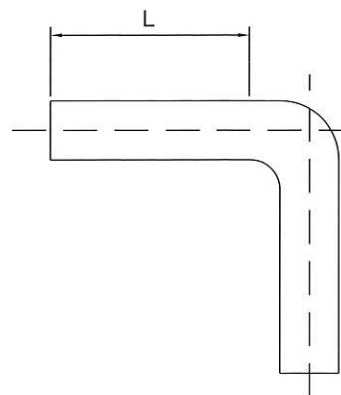
4.1 Nach jedem Lösen der Rohrverbindung kontrollieren, ob die O-Ring-Dichtungen unversehrt sind; eventuell austauschen und die Mutter wie bei der ersten Montage (mit gleichem Kraftaufwand) an die Verschraubung anschrauben, wobei diese mit Hilfe eines zweiten Schlüssels zu stützen ist.

5. Mindestrohrlänge

5.1 Mindestlänge des geraden Rohrendes bei Kurven:

L= 35mm min. für Rohre 6 - 1/4"
8 - 5/16"
10 - 3/8"

L= 48mm min. für Rohre 12 - 1/2"
14 - 15 - 16 - 5/8"
18 - 20 - 3/4"
22 - 25 - 1"
28 - 30 - 32 - 1 1/4"
35 - 38 - 1 1/2"



ACHTUNG: Das gerade Rohrende bei den Kurven "L" darf keine Rundungen- oder Geradlinigkeitsabweichungen aufweisen, die Maßtoleranzen nach überschreiten.



INSTRUCCIÓN PARA EL MONTAJE CON BUJE DE SOLDADURA

1. Preparación interna y externa del tubo

1.1 Cortar el tubo a ángulo recto. Se permite una desviación máxima de 0,5° respecto al eje del tubo

1.2 El corte del tubo a ángulo recto se facilita mediante el empleo de una sierra de mano y una específica herramienta

ATENCIÓN: No utilice el CORTATUBOS O CORTADORAS ya que se obtienen tubos cortados con abundantes rebabados y un corte oblicuo. Las deformaciones en las extremidades de los tubos (tubos partidos o mal perfilados) reducen la duración y la estanqueidad del empalme.

1.3 Rebarbar ligeramente el tubo por el interior y exterior.

2. Soldadura buje

2.1 Limpiar el tubo y el buje a soldar.

2.2 Introducir la tuerca y el buje en el tubo como se indica en el esquema de la página 20.

2.3 Introducir el material de aportación en el extremo del tubo. Antes de realizar la soldadura se deberá comprobar que el tubo esté completamente a contacto con el asiento del buje.

2.4 Comprobar la presencia de la costura de soldadura en toda la circunferencia del diámetro externo del tubo. Limpiar cuidadosamente toda la zona de soldadura.

3. Montaje del empalme

3.1 Lubricar el filete del empalme y de la tuerca con aceite. PARA LA LUBRICACIÓN DE LOS EMPALMES DE ACERO INOXIDABLE SE DEBERÁ UTILIZAR NECESARIAMENTE UN ANTIGRIPANTE (por ejemplo Molyguard-Vanguard).

3.2 Apoyar el tubo avellanado en el cuerpo del empalme, apretar la tuerca a mano hasta su completo atornillado.

3.3 Después de haber comprobado el alineamiento de las partes, apretar la tuerca con una llave hasta el total acoplamiento de las superficies de junta.

3.4 El cierre de la tuerca de apretado se puede realizar utilizando los pares de apretado aconsejados en la tabla de la página 27.

4. Remontaje

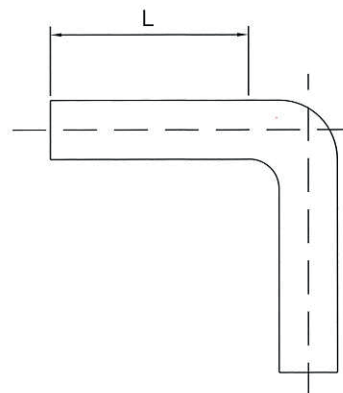
4.1 Después de cada desmontaje se deberá comprobar la integridad de las guarniciones O-Ring y, si fuera necesario, sustituirlas y apretar correctamente la tuerca en el empalme como ya se hizo durante el primer montaje (empleando la misma fuerza) sujetando el empalme con una segunda llave.

5. Longitud mínima de los tubos

5.1 La longitud mínima de la parte recta de las curvas tiene que ser:

L= 35mm min. para tubos 6- 1/4"
8 - 5/16"
10 - 3/8"

L= 48mm min. para tubos 12 - 1/2"
14 - 15 - 16 - 5/8"
18 - 20 - 3/4"
22 - 25 - 1"
28 - 30 - 32 - 1 1/4"
35 - 38 - 1 1/2"



ATENCIÓN: El tramo de tubo recto en las curvas "L" no deben presentar diferencias de circunferencia ni rectilineidad que superen los márgenes de tolerancia dimensionales del tubo.

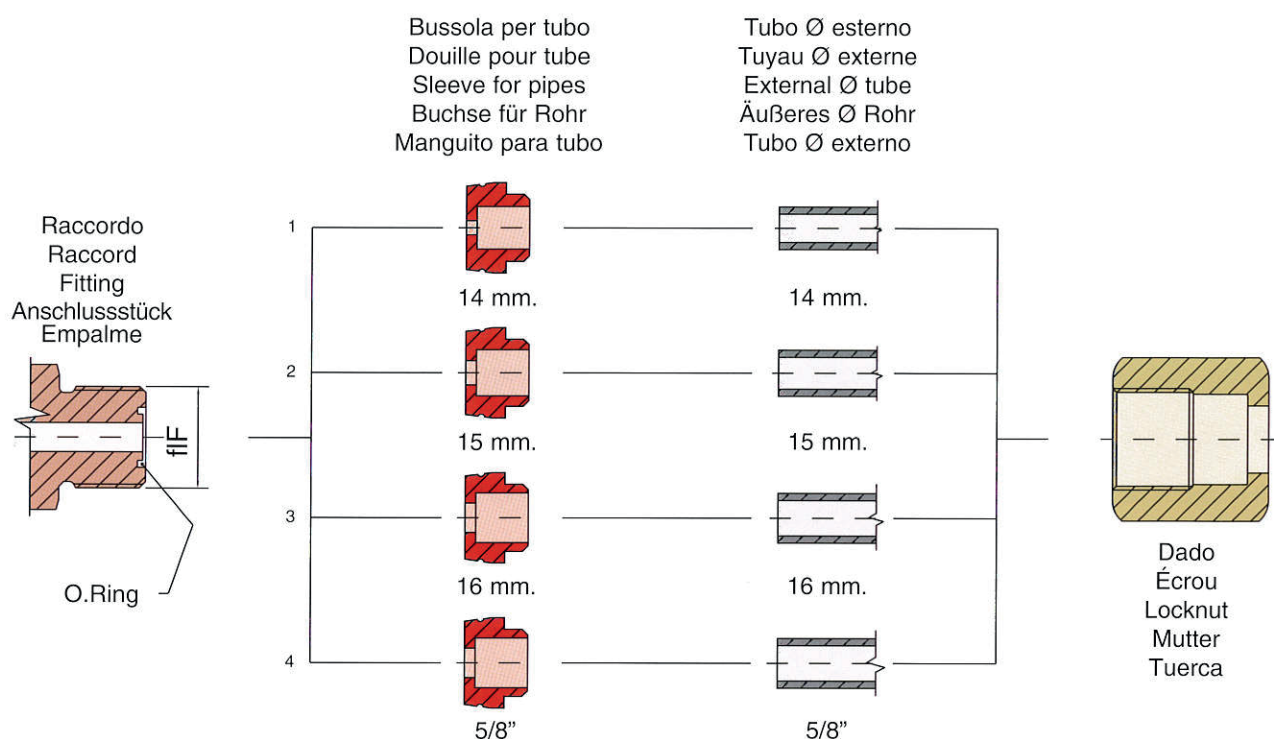
SCHEMA DI UTILIZZO BUSSOLE PER TUBO METRICO E TUBO POLLICI.

SCHÉMA D'UTILISATION DES DOUILLES POUR TUYAU MÉTRIQUE ET TUYAU POUCE.

DIAGRAM FOR USE OF GUIDES FOR METRIC AND IMPERIAL TUBES

VERWENDUNGSSCHEMA BUCHSEN FÜR METRI- SCHES ROHR UND ROHR IM ZOLLMAß

ESQUEMA DE USO DE LOS BUJES PARA TUBO MÉTRICO Y TUBO PULGADAS



- I raccordi ORFS si possono usare sia con tubi metrici che con tubi pollici semplicemente cambiando la boccola come indicato in figura. Questa regola è valida sia per i tubi svasati che per quelli brasati.

- Les raccords ORFS peuvent être utilisés aussi bien avec des tuyaux métriques qu'avec des tuyaux pouces, en changeant simplement la bague, comme il est indiqué sur la figure. Cette règle est valable pour les tuyaux évasés tout comme pour ceux brasés.

- ORFS fittings can be used with both metric and imperial tubes by simply changing the ferrule, as indicated in the diagram. This rule applies to both the reamed and brazed tubes.

- Die ORFS Anschlussstücke können sowohl für metrische Rohre als auch für Rohre im Zollmaß verwendet werden, indem ganz einfach die Buchse ausgetauscht wird, siehe Abbildung. Diese Regel gilt sowohl für angesenkte als auch für gelötete Rohre.

- Los empalmes ORFS se pueden utilizar tanto con tubos métricos como con tubos pulgadas simplemente cambiando el buje como se indica en la figura. Esta regla es válida tanto para los tubos avellanados como para los tubos soldados



COPPIE DI SERRAGGIO RACCOMANDATE COUPLES DE SERRAGE RECOMMANDÉS RECOMMENDED TORQUE WRENCH SETTING EMPFOHLENES ANZUGSMOMENT PARES DE APRETADO RECOMENDADOS

Coppie di serraggio raccomandate MT in Nm su attacco ORFS - Couples de serrage recommandés MT en Nm sur connexion ORFS Recommended torque wrench setting MT in Nm on ORFS attachment - Empfohlenes Anzugsmoment MT in Nm am ORFS-Anschluss Pares de apretado recomendados en NM para toma ORFS				
Ød - Ø Tubo - Ø Tube - Tube O.D. - Rohr AD Ø Tubo		Ø Filetto - Filet - Thread - Gewinde - Fileteado ØF	MT Nm +10%	Guarnizione - Garniture - Seal - Dichtung - Guarnición O.Ring
mm	Pollici - Pouces - Inches Zoll - Pulgadas			
6	1/4"	9/16" - 18 UNF	25	7.65x1.78
8 - 10	5/6" - 3/8"	11/16" - 16 UN	35	9.25x1.78
12	1/2"	13/16" - 16 UN	50	12.42x1.78
14 - 15 - 16	5/8"	1" - 14 UNS	70	15.60x1.78
18 - 20	3/4"	1"3/16 - 12 UN	90	18.77x1.78
22 - 25	7/8"	1"7/16 - 12 UN	125	23.52x1.78
28 - 30 - 32	1"1/4	1"11/16 - 12 UN	170	29.87x1.78
35 - 38	1"1/2	2" - 12 UN	200	37.82x1.78

- I valori delle coppie di serraggio sono indicativi e riferiti al montaggio di raccordi in acciaio con protezione superficiale di zincatura su componenti dello stesso materiale mediante l'uso di olio secondo quanto indicato nelle istruzioni di montaggio.

Tali valori possono variare in funzione dei materiali impiegati, delle tolleranze e finiture superficiali dei componenti da assemblare e dalle modalità di montaggio.

- Les valeurs du moment de torsion sont approximatives et elles s'appliquent au montage des raccords d'acier avec protection de la surface par galvanisation des pièces du même matériau moyennant un lubrifiant selon les instructions de montage.

Ces valeurs peuvent changer selon les matériaux utilisés, les tolérances et les finissages de la surface des pièces à souder et aussi selon le méthode de montage.

- The torque values given here are only approximate and referring to the assembly of steel fittings with a protective surface treatment of galvanizing of the components made of the same material by using a lubricant, following the directions of the Assembly Instructions. Said values can change according to materials employed, tolerances and surface finishing of the assembling components as well as the assembly method.

- Dies hier sind nur ungefähre Drehmomentwerte und sie gelten für die Montage von Stahlrohrverschraubungen mit einer Oberflächenschutzbehandlung wie Galvanisierung derjenigen Bestandteile, welche aus demselben Werkstoff gemacht sind, indem man ein Schmiermittel nach den Hinweisen der Montageanleitungen anwendet. Diese Werte können sich je nach Werkstoffen, Toleranzen und Oberflächenbehandlungen der zu montierenden Bestandteilen und auch nach den Zusammensetzenmethoden ändern.

- Los valores de los pares de apretado son aproximativos y se refieren al montaje de los empalmes de acero con protección superficial de galvanizado en componentes del mismo material mediante el uso de aceite, de acuerdo con lo indicado en las instrucciones de montaje.

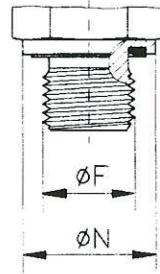
Dichos valores pueden variar dependiendo de los materiales utilizados, las tolerancias y acabados superficiales de los componentes a ensamblar y las modalidades de montaje.



ESTREMITÀ FILETTATE - UNIONS FILETEES THREAD COUPLING - EINSCHRAUBGEWINDE FEINGEWINDE - UNIONES ROSCADAS

Perno filettato forma E
DIN 3852 Foglio 11
Tenuta mediante guarnizione

Implantation, forme E
DIN 3852, Partie 11
Étanchéité par garniture.



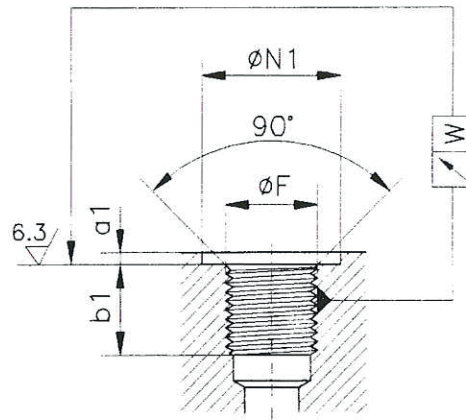
Male stud, form E
DIN 3852, Part 11
Packing-ensured tightness.

Einschraubzapfen Form E
DIN 3852 Teil 11
Dichtheit durch Dichtung.

Eje roscadb forma E
DIN 3852 Hoja 11
Cierre mediante junta

Foro filettato forma X
secondo DIN 3852 Foglio 1-2
(per filetti d'avvitamento cilindrico)

Trou taraudé forme X
selon DIN 3852, Partie 1-2
(pour filetage mâle cylindrique)



Port form X
to DIN 3852, Part 1-2
(for parallel stud thread)

Einschraubloch Form X
DIN 3852 Teil 1-2
(für zylindrische
Einschraubzapfen)

Agujero roscado forma X
según DIN 3852 Hoja 1-2
(para roscado cilíndrico)

Filettatura gas cilindrica - Filetage gaz cylindrique
Thread B.S.P. parallel - Whitworth-Rohrgewinde zylindrisch
Rosca gas cilíndrica

Ø F	+0,4 Ø N1	Ø N	a1 MAX	b1 MIN	W
G 1/8"	15	13,9	1	8	0,1
G 1/4"	20	18,9	1,5	12	0,1
G 3/8"	23	21,9	2	12	0,1
G 1/2"	28	26,9	2,5	14	0,1
G 3/4"	33	31,9	2,5	16	0,2
G 1"	41	39,9	2,5	18	0,2
G 1" 1/4	51	49,9	2,5	20	0,2
G 1" 1/2	56	54,9	2,5	22	0,2

Filettatura metrica cilindrica - Filetage métrique cylindrique
Thread metric parallel - Metrisches Feingewinde zylindrisch
Rosca metrica cilíndrica

Ø F	+0,4 Ø N1	Ø N	a1 MAX	b1 MIN	W
M 10x1	15	13,9	1	8	0,1
M 12x1,5	18	16,9	1,5	12	0,1
M 14x1,5	20	18,9	1,5	12	0,1
M 16x1,5	23	21,9	1,5	12	0,1
M 18x1,5	25	23,9	2	12	0,1
M 22x1,5	28	26,9	2,5	14	0,1
M 27x2	33	31,9	2,5	16	0,2
M 33x2	41	39,9	2,5	18	0,2
M 42x2	51	49,9	2,5	20	0,2
M 48x2	56	54,9	2,5	22	0,2

- * Classe di tolleranza (A) valida per filettature maschio
- * Classe de tolérance (A) valable seulement pour filetages mâle
- * Tolerance class (A) is only valid for male threads
- * Toleranzklasse (A) gültig nur für Gewindezapfen
- * Clase de tolerancia (A) válida para roscas macho



ESTREMITÀ FILETTATE - UNIONS FILETEES THREAD COUPLING - EINSCHRAUBGEWINDE FEINGEWINDE - UNIONES ROSCADAS

Perno filettato UNF-UN-2A
con guarnizione O-Ring (SAE J 514)

Filetage UNF-UN-2A avec étanchéité
par joint torique (SAE J 514)

Male stud UNF-UN-2A
for O-Ring sealing (SAE J 514)

Einschraubzapfen UNF-UN-2A
mit O-Ring Dichtung (SAE J 514)

Eje roscado UNF-UN-2A
con junta tórica (SAE J 514)

Foro filettato UNF-UN-2B
per guarnizione O-Ring (SAE J 514)

Taradage UNF-UN-2B pour étanchéité
par joint torique (SAE J 514)

Port UNF-UN-2B
for O-Ring sealing (SAE J 514)

Einschraubloch UNF-UN-2B
mit O-Ring Dichtung (SAE J 514)

Agujero roscado UNF-UN-2B
para junta tórica (SAE J 514)

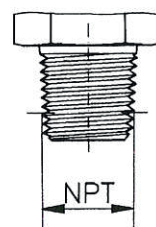
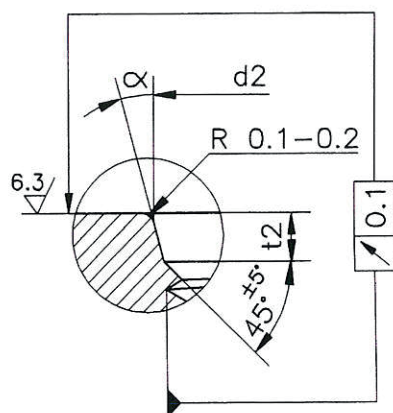
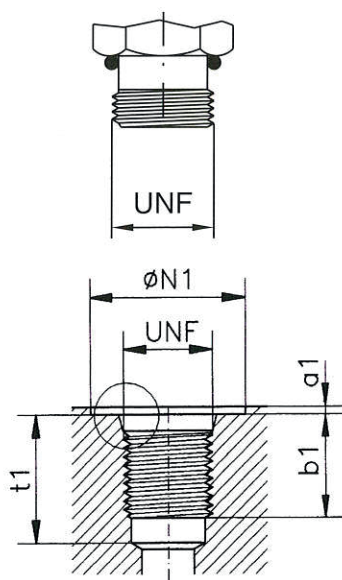
Filettatura UNF/UN

Filetage: UNF/UN

UNF/UN thread

UNF/UN-Gewinde

Rosca UNF/UN



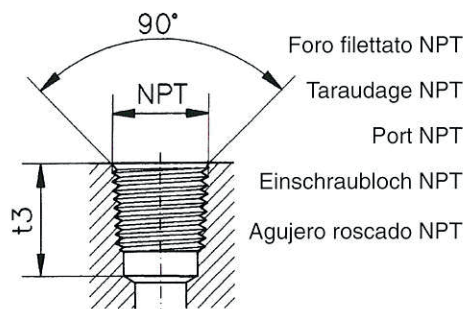
Perno filettato NPT

Filetage NPT

Male stud NPT

Einschraubzapfen NPT

Eje roscado NPT



Foro filettato NPT

Taradage NPT

Port NPT

Einschraubloch NPT

Agujero roscado NPT

NPT			t3 MIN
1/8"	- 27	NPT	11,6
1/4"	- 18	NPT	16,4
3/8"	- 18	NPT	17,4
1/2"	- 14	NPT	22,6
3/4"	- 14	NPT	23,1
1"	- 11,5	NPT	27,8
1" 1/4	- 11,5	NPT	28,3
1" 1/2	- 11,5	NPT	28,3

UNF	b1 MIN	+0,1 d2	+0,3 t2	t1 MIN	±1° α	Ø N1 MIN	a1 MAX	O-Ring Jointe torique Junta tórica (Shore A ca. 90)
7/16" - 20 UNF	12	12,4	2,4	14	12°	21	1	8,92x1,83
9/16" - 18 UNF	13	15,6	2,5	16	12°	26	1	11,89x1,98
3/4" - 16 UNF	15	20,6	2,6	18	15°	32	1,5	16,36x2,21
7/8" - 14 UNF	17	23,9	2,6	20	15°	35	1,5	19,18x2,46
1" 1/16 - 12 UN	20	29,2	3,3	24	15°	42	1,5	23,47x2,95
1" 5/16 - 12 UN	20	35,5	3,3	24	15°	50	2	29,74x2,95
1" 5/8 - 12 UN	20	43,5	3,4	24	15°	60	2,5	37,47x3,00
1" 7/8 - 12 UN	20	49,8	3,4	24	15°	65	2,5	43,69x3,00

Filettatura NPT

Filetage NPT

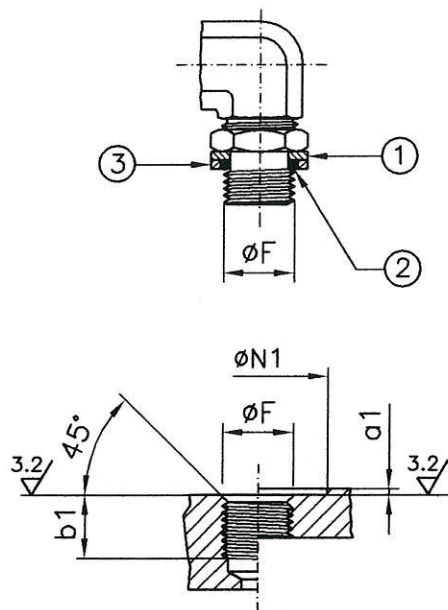
NPT thread

NPT Gewinde

Rosca NPT

ESTREMITÀ FILETTATE - UNIONS FILETEES THREAD COUPLING - EINSCHRAUBGEWINDE FEINGEWINDE - UNIONES ROSCADAS

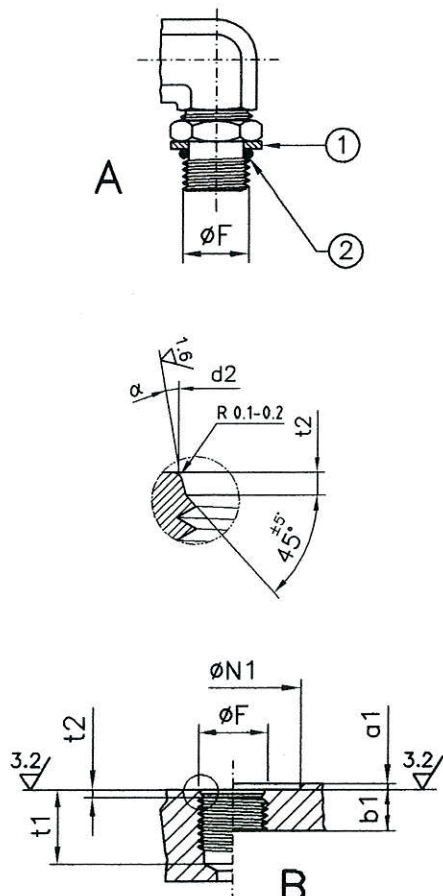
- FILETTATURA BSPP (GAS CILINDRICA) UNI ISO 228 - FILETAGE BSPP (GAZ CYLINDRIQUE) UNI ISO 228
- BSPP THREAD (GAS-TYPE CYLINDRICAL) UNI ISO 228 - GEWINDE BSPP (ZYLINDER-GASGEWINDE) UNI ISO 228
- ROSCADO BSPP (GAS CILINDRICO) UNI ISO 228



Ø F BSPP	max. a1	min. b1	min. Ø N1	O-Ring Jointe torique Junta tórica (Shore A ca. 90)
1/8"	1,0	8	16,5	7,97 x 1,88
1/4"	1,5	11	21,5	10,77 x 2,62
3/8"	1,5	11	25,5	13,94 x 2,62
1/2"	1,5	14	30,0	17,86 x 2,62
3/4"	1,5	16	36,5	23,47 x 2,62
1"	2,0	19	46,0	29,74 x 3,53
1"1/4	2,0	21	57,0	37,69 x 3,53
1"1/2	2,0	21	63,5	44,04 x 3,53

- ① - Rondella fissa antiestruzione / Rondelle fixe anti-extrusion / Fixed anti-extrusion ring / Feste Druckscheibe / Arandela fija a prueba de extrusión
- ② - O-Ring / Jointe torique / Junta tórica
- ③ - Rondella mobile tenuta O.Ring / Rondelle mobile d'étanchéité (O.Ring) / Mobile O-Ring seal ring / Bewegliche Unterlegscheibe f. O-Ring / Arandela móvil de retención junta tórica

- FILETTATURA UNF (ANSI/ASME B.1.1.1989) - FILETAGE UNF (ANSI/ASME B.1.1.1989) - UNF THREAD (ANSI/ASME B.1.1.1989) - GEWINDE UNF (ANSI/ASME B.1.1.1989) - ROSCADO UNF (ANSI/ASME B.1.1.1989)



Ø F UNF	max a1	min. b1	+0,1 d2	min. Ø N1	min. t1	+0,3 t2	±1° a	O-Ring Jointe torique Junta tórica (Shore A ca. 90)
7/16 - 20	1,0	12	12,4	21	14	2,4	12°	8,92x1,83
9/16 - 18	1,0	13	15,6	26	16	2,5	12°	11,89x1,98
3/4 - 16	1,5	15	20,6	32	18	2,6	15°	16,36x2,21
7/8 - 14	1,5	17	23,9	35	20	2,6	15°	19,18x2,46
1"1/16 - 12	1,5	20	29,2	42	24	3,3	15°	23,47x2,95
1"5/16 - 12	2,0	20	35,5	50	24	3,3	15°	29,74x2,95
1"5/8 - 12	2,5	20	43,5	60	24	3,4	15°	37,47x3,00
1"7/8 - 12	2,5	20	49,8	65	24	3,4	15°	43,69x3,00

- ① - Rondella fissa antiestruzione / Rondelle fixe anti-extrusion / Fixed anti-extrusion ring / Feste Druckscheibe / Arandela fija a prueba de extrusión
- ② - O-Ring / Jointe torique / Junta tórica

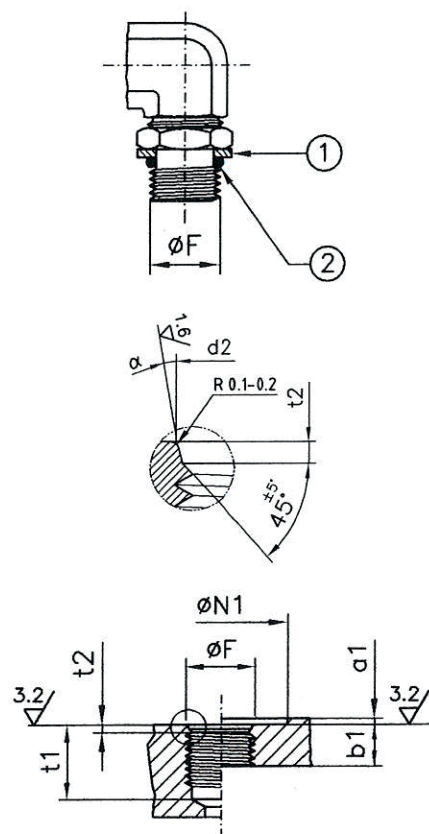
A Perno filettato UNF-2A con guarnizione O-Ring (SAE J 514)
Filetage UNF-2A avec étanchéité par joint torique (SAE J 514)
Male stud UNF-2A for O-Ring sealing (SAE J 514)
Einschraubzafen UNF-2A mit O-Ring Dichtung (SAE J 514)
Perno roscado UNF-2A con junta tórica (SAE J 514)

B Foro filettato UNF-2B per guarnizione O-Ring (SAE J 514)
Taraudage UNF-2B pour étanchéité par joint torique (SAE J 514)
Port UNF-2B for O-Ring sealing (SAE J 514)
Einschraubloch UNF-2B für O-Ring Dichtung (SAE J 514)
Orificio roscado UNF 2B para junta tórica (SAE J 514)



ESTREMITÀ FILETTATE - UNIONS FILETEES THREAD COUPLING - EINSCHRAUBGEWINDE FEINGEWINDE - UNIONES ROSCADAS

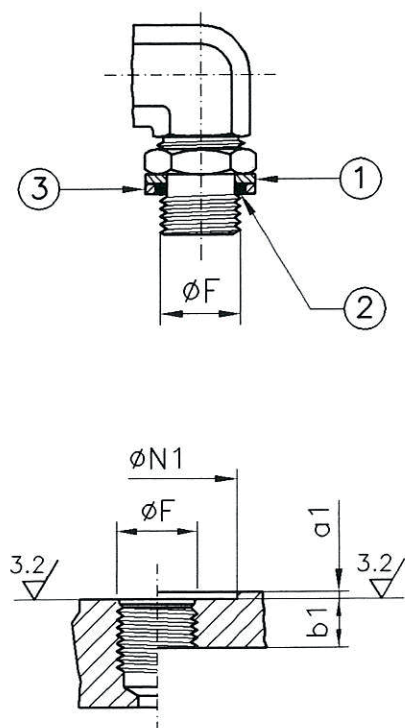
- FILETTATURA METRICA CILINDRICA (ISO 6149) - FILETAGE MÉTRIQUE CYLINDRIQUE (ISO 6149) - METRIC CYLINDRICAL TRHEAD (ISO 6149) - METRISCHES ZYLINDERGEWINDE (ISO 6149) - ROSCADO MÉTRICO CILINDRICO (ISO 6149)



Ø F	max a1	min. b1	+0,1 d2	min. Ø N1	min. t1	+0,4 t2	±1° a	O-Ring Jointe torique Junta tórica (Shore A ca. 90)
10 x 1	1,0	10,0	11,1	20	11,5	1,6	12°	8,1 x 1,6
12 x 1,5	1,5	11,5	13,8	23	14,0	2,4	15°	9,3 x 2,2
14 x 1,5	1,5	11,5	15,8	25	14,0	2,4	15°	11,3 x 2,2
16 x 1,5	1,5	13,0	17,8	28	15,5	2,4	15°	13,3 x 2,2
18 x 1,5	2,0	14,5	19,8	30	17,0	2,4	15°	15,3 x 2,2
22 x 1,5	2,0	15,5	23,8	34	18,0	2,4	15°	19,3 x 2,2
27 x 2	2,0	19,0	29,4	40	22,0	3,1	15°	23,6 x 2,9
33 x 2	2,5	19,0	35,4	49	22,0	3,1	15°	29,6 x 2,9
42 x 2	2,5	19,5	44,4	60	22,5	3,1	15°	38,6 x 2,9
48 x 2	2,5	22,0	50,4	66	25,0	3,1	15°	44,6 x 2,9

- ① - Rondella fissa antiestrusione / Rondelle fixe anti-extrusion
Fixed anti-extrusion ring / Feste Druckscheibe /
Arandela fija a prueba de extrusión
② - O-Ring / Jointe torique / Junta tórica

- FILETTATURA METRICA CILINDRICA - FILETAGE MÉTRIQUE CYLINDRIQUE
- METRIC CYLINDRICAL TRHEAD - METRISCHES ZYLINDERGEWINDE - ROSCADO MÉTRICO CILINDRICO



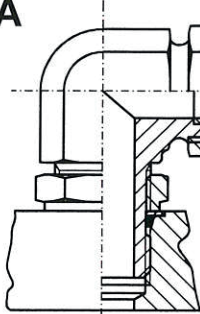
Ø F	max a1	min. b1	min. Ø N1	O-Ring Jointe torique Junta tórica (Shore A ca. 90)
10 x 1	1,0	8	15	8,1 x 1,6
12 x 1,5	1,5	12	18	9,3 x 2,2
14 x 1,5	1,5	12	20	11,3 x 2,2
16 x 1,5	1,5	12	23	13,3 x 2,2
18 x 1,5	2,0	12	25	15,3 x 2,2
22 x 1,5	2,0	14	28	19,3 x 2,2
27 x 2	2,5	16	33	23,6 x 2,9
33 x 2	2,5	18	41	29,6 x 2,9
42 x 2	2,5	20	51	38,6 x 2,9
48 x 2	2,5	22	56	44,6 x 2,9

- ① - Rondella fissa antiestrusione / Rondelle fixe anti-extrusion /
Fixed anti-extrusion ring / Feste Druckscheibe /
Arandela fija a prueba de extrusión
② - O-Ring / Jointe torique / Junta tórica
③ - Rondella mobile tenuta O.Ring / Rondelle mobile d'étanchéité (O.Ring) /
Mobile O.Ring. seal ring / Bewegliche Unterlegscheibe f. O.Ring
Arandela móvil de retención junta tórica

ESTREMITÀ FILETTATE - UNIONS FILETEES THREAD COUPLING - EINSCHRAUBGEWINDE FEINGEWINDE - UNIONES ROSCADAS

ISTRUZIONI DI MONTAGGIO - INSTRUCTIONS DE MONTAGE - ASSEMBLY INSTRUCTIONS - MONTAGEANLEITUNG - INSTRUCCIONES DE MONTAJE

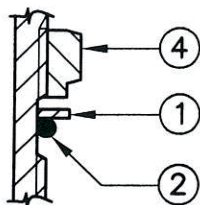
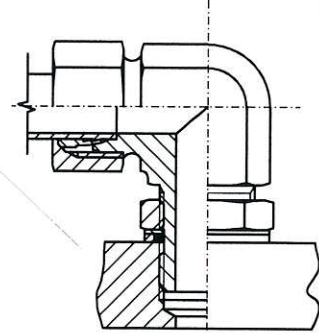
A



- Versione con filetto UNF/UN e Metrico cilindrico ISO 6149
- Version avec Filetage UNF/UN et Métrique cylindrique ISO 6149
- Version with UNF/UN-thread Metric parallel-thread ISO 6149
- Ausführungen UNF/UN-Gewinde Metrisches Zylindrisch ISO 6149
- Versiones con rosca UNF/UN y Metrica cilíndrica ISO 6149

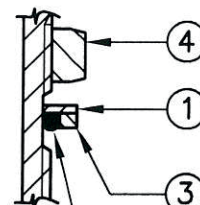
- Versione con filetto Gas cilindrico (BSPP) Metrico cilindrico
- Version avec Filetage Gaz cylindrique (BSPP) Métrique cylindrique
- Version with BSP parallel Cylindrical thread
- Ausführungen Gewinde BSPP Metrisches Zylindrisch
- Versiones con rosca Gas cilindrico (BSPP) Metrico cilindrico

B



- Svitare il più possibile il controdado ④
- La guarnizione O.Ring ② e la rondella fissa, antiestrusione ① devono trovarsi alla estremità superiore della gola di scarico filetto.
- Oleare la guarnizione O.Ring
- Nella versione con filetto gas e filetto metrico cilindrico (W) infilare la rondella mobile ③ sulla guarnizione O.Ring.

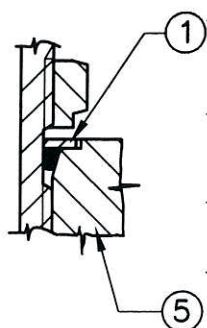
- Dévisser le contre-écrou ④ le plus possible.
- Jointe torique ② et rondelle fixe anti-extrusion ① doivent se trouver tout au bout haut de l'entaille.
- Huiler la Jointe torique.
- Dans le version avec filet GAZ, Métrique cylindrique (W) mettre la rondelle mobile d'étanchéité ③ sur la Jointe torique.



- Screw back bulkhead nut ④ as far as it goes.
- O.Ring ② and fixed anti-extrusion ① should be at the upper end of the notch.
- Oil the O.Ring
- In the versions with BSPP, Metric cylindrical (W) thread slip mobile ring ③ over O.Ring.

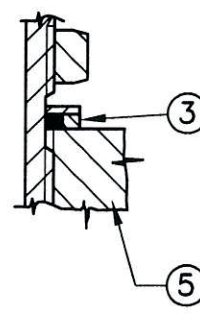
- Kontermutter ④ so weit wie möglich zurückschrauben.
- O.Ring ② und Feste Druckscheibe ① müssen sich am oberen Ende des Freistichs befinden.
- O.Ring ölen.
- Bei den Ausführungen mit withworth-Rohrgewinde, Metrisches Zylindrischgewinde (W) den Bewegliche Unterlegscheibe über ③ O.Ring schieben.

- Desenroscar la contratuercia ④ lo más posible.
- Junta tórica ② y arandela fija a prueba de extrusión ① debe encontrarse en la extremidad superior de la muesca.
- Lubrificar la junta tórica.
- En las versiones con rosca GAS Metrico cilíndrico (W) poner la arandela móvil ③ sobre la junta tórica.



- Avvitare manualmente il raccordo nella sede filettata ⑤ fino a quando la rondella mobile ③ o la rondella fissa antiestrusione ① non appoggia sulla superficie lavorata. ⑤
- Per regolare il raccordo nella posizione desiderata farlo girare in senso antiorario di un giro al massimo.

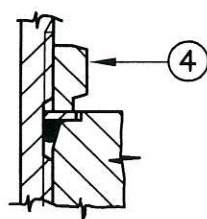
- Visser manuellement le raccord dans le trou de vissage jusqu'à ce que la rondelle mobile ③ ou la rondelle fixe anti-extrusion ① appuie.
- Pour le régler dans la position voulue, le tourner à l'envers d'un tour au maximum.



- Manually screw the fitting into the screwing hole ⑤ till mobile ring ③ or fixed anti-extrusion ① comes to rest.
- To adjust in the wanted position turnback by maximum one turn.

- Verschraubung in das Einschraubblock ⑤ von Hand, endrehen, bis Feste Druckscheibe ① oder Bewegliche Unterlegscheibe ③ aufliegt
- Einstellung in die gewünschte Richtung durch Zurückdrehen um höchstens eine Umdrehung.

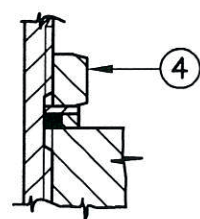
- Atornillar manualmente el racor en el agujero de atornillamiento ⑤ hasta que la arandela móvil ③ o la arandela fija a prueba de extrusión, apoye.
- Para ajustarlo en la posición deseada, hacer girar hacia atrás una vuelta al máximo.



- Serrare completamente il controdado ④ tenendo il corpo del raccordo, con una chiave fissa, nella posizione desiderata.
- Tighten bulkhead nut ④ completely while keeping the fitting body in the wanted position.

- Serret complètement le contre-écrou tout en tenant le corps du raccord dans la position voulue.

- Kontermutter ④ festziehen und dabei den Verschraubungskörper in der gewünschten Richtung halten.



- Apretar completamente la contratuercia ④ teniendo el cuerpo del racor en la posición deseada.



Regole di codifica SAP per ORFS ORFS SAP coding rules

Descrizione Description	Simbolo Symbol
Stampato	S
Barra	B

Forma Form	Simbolo Symbol
Con O-ring, non specificare in caso di UNF o pezzi con controdamo	N
Presenza guarnizione piana / Flat rubber seal	G
A brasare	B
A svasare	NON INDICATO

Example: TB719N07M12W

Descrizione Description	Simbolo Symbol
Zincato / Zinc plated	T
Inox / Stainless steel	I
Fosfatato/Phosphated	F
Delta black	D
Geomet	G
Nichel acido / Acid Nickel	Z
No trattato	0

Diametro filetto Thread Diameter	Simbolo Symbol
7/16	04
1/2	05
9/16	06
3/4	08
7/8	10
1"1/16	12
1"5/16	16
1"5/8	20
1"7/8	24

Filetto Thread	Simbolo Symbol
BSPP	R __
BSPT	K __
UNF	U __
NPT	N __
Metrico	M __

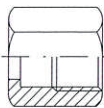
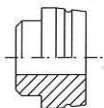
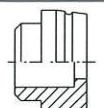
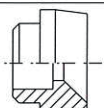
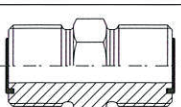
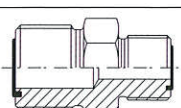
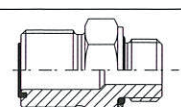
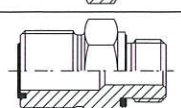
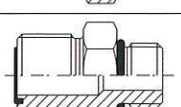
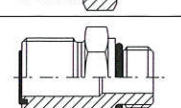
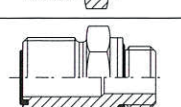
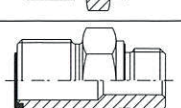
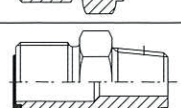
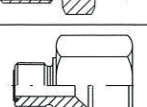
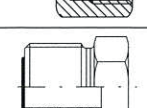
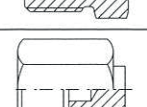
Descrizione Description	Simbolo Symbol
(Solo M __) rondella mobile (Only M __) movable washer	W

Descrizione Description	Simbolo Symbol
B713	713
B715-716-785	715
B783-784	783
B717; B718	717
B719;720;721;723;723W;724	719
B725	725
B731	731
B739	738
B739	739
B743	743
B745	745
B748;750	748
B749	749
B752	752
B753	753
B762	762
B763	763
B765	765
B799	799
S701	701
S705;706;707	705
S709	709
S701	701
S735;736;737;737W	735
S711	711
S713	713
S751	751
S760;S761;S762;S762W	760
S763;S764;S764W;S765	763

Misure passo metrico mm	Simbolo passo metrico
0,5	A
0,75	B
1	C
1,25	D
1,5	E
2	F
2,5	G

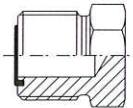
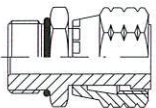
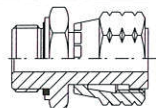
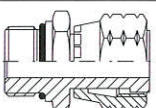
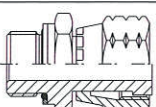
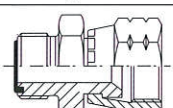
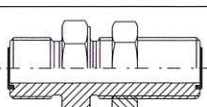
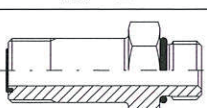
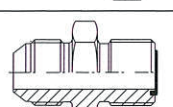
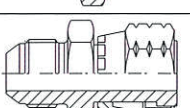
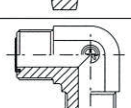
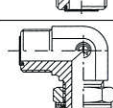
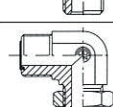
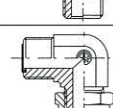
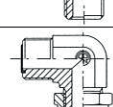


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CORPO: TERMINALE DIRITTO MASCHIO METRICO CILINDRICO – RONDELLA TENUTA O.RING CORP: TERMINAL DROIT MÂLE CILINDRIQUE METRIQUE- RONDELLE D'ETANCHEITÉ O.RING BODY: MALE STUD METRIC PARALLEL – O.RING SEAL RING KÖRPER: GERADE EINSCHRAUB METRISCH ZYLINDRISCH – BEWEGLICHE UNTERLEGSCHLEIBE F. O.RING CUERPO: ADAPTADOR RECTO MACHO METRICO – CILINDRICO – ARANDELA DE RETENCION JUNTA TORICA	 B723 TB719	46
CORPO: TERMINALE DIRITTO MASCHIO METRICO CILINDRICO (FORMA E DIN 3852) CORP: TERMINAL DROIT MÂLE CILINDRIQUE METRIQUE (FORME E DIN 3852) BODY: MALE STUD METRIC PARALLEL (TYPE E DIN 3852) KÖRPER: GERADE EINSCHRAUB METRISCH ZYLINDRISCH (FORM E DIN 3852) CUERPO: ADAPTADOR RECTO MACHO METRICO CILINDRICO (FORMA E DIN 3852)	 B724 TB719	47
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TAPPO PER RACCORDO OBTURATEUR POUR RACCORD PLUG FOR FITTING VERSCHLUSSBOLZEN TAPON PARA RACOR	 B743 TB743	51

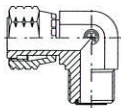
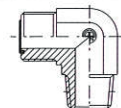
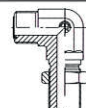
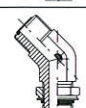
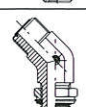
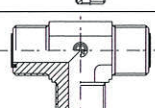
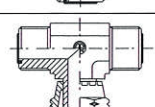
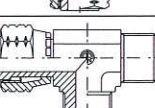
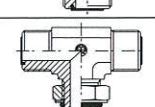
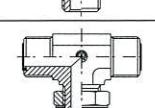
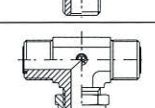
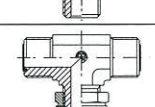
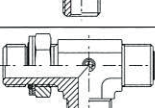
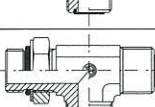


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TAPPO PER TUBO OBTURATEUR POUR TUBE PLUG FOR FITTING ROHRVERSCHLUSS TAPON PARA TUBO	 B745 TB745	51
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CORPO: "T" MASCHIO DI DERIVAZIONE METRICO – ISO 6149-2 CORP: "T" MÂLE DE DÉRIVATION METRIQUE – ISO 6149-2 BODY: DERIVATING "T" METRIC – ISO 6149-2 KÖRPER: ABLEITUNG "T" METRISCH – ISO 6149-2 CUERPO: TE – ORIENTABLE LATERAL METRICO – ISO 6149-2	 S764 TS763	70

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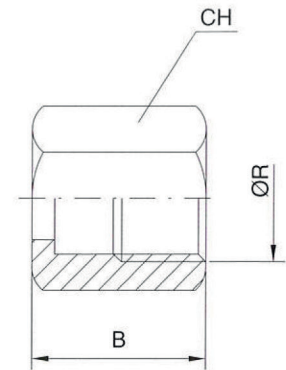
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Ø TUBO-TUBE-ROHR		Articolo Article Item	Codice Reference Code	ORFS Ø R - UNF	B	CH	
mm.	Poll. - Pouces Inch. - Zoll Pulgadas	Artikelnummer Artículo	Best-nr Código				
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8-10	5/16 - 3/8	● B7130007	● TB71307	11/16	17	22	
12	1/2	● B7130009	● TB71309	13/16	21	24	
14-15-16	5/8	● B7130011	● TB71311	1"	23,5	30	
18-20	3/4	● B7130013	● TB71313	1" 3/16	26	36	
22-25	1"	● B7130017	● TB71317	1" 7/16	27,5	41	
28-30-32	1" 1/4	● B7130021	● TB71321	1" 11/16	27,5	50	
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B715

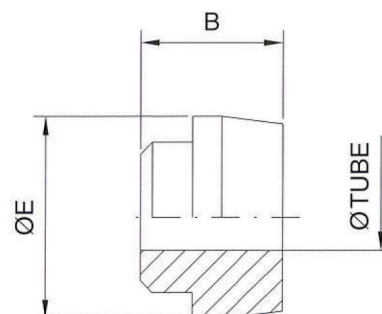
BUSSOLA: TUBO POLLICI DA SVASARE

FOURREAU: TUBE POUÇES À ÉVASER

BUSH: INCHES TUBE TO REAM

STÜTZHÜLSE: ZÖLLIGES ROHR ANZUSENKENDE

FERULA: TUBO EN PULGADAS A AVELLANAR



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	B	Ø E	
mm.	Poll. - Pouces Inch. - Zoll Pulgadas					
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-	5/16	● B7150005	● TB71505	9	15,75	
-	3/8	● B7150006	● TB71506	9	15,75	
-	1/2	● B7150008	● TB71508	11	18,90	
-	5/8	● B7150010	● TB71510	11	23,45	
-	3/4	● B7150012	● TB71512	12	27,85	
-	7/8	● B7150014	● TB71514	14	34,20	
-	1"	● B7150016	● TB71516	14	34,20	
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B783

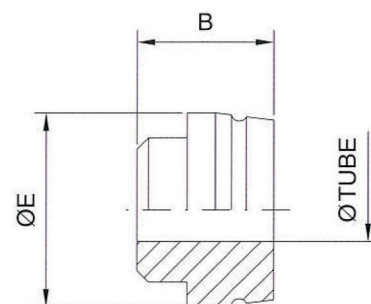
BUSSOLA: TUBO METRICO DA SVASARE

FOURREAU: TUBE METRIQUE À ÉVASER

BUSH: METRIC TUBE TO REAM

STÜTZHÜLSE: METRISCHES ROHR ANZUSENKENDE

FERULA: TUBO METRICO A AVELLANAR

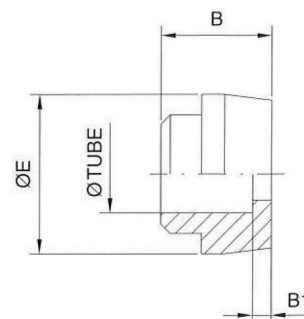


Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	B	Ø E	
mm.	Poll. - Pouces Inch. - Zoll Pulgadas					
6	-	● B7830006	● TB78306	8	12,75	
8	-	● B7830008	● TB78308	9	15,75	
10	-	● B7830010	● TB78310	9	15,75	
12	-	● B7830012	● TB78312	11	18,90	
14	-	● B7830014	● TB78314	11	23,45	
15	-	● B7830015	● TB78315	11	23,45	
16	-	● B7830016	● TB78316	11	23,45	
18	-	● B7830018	● TB78318	12	27,85	
20	-	● B7830020	● TB78320	12	27,85	
22	-	● B7830022	● TB78322	14	34,20	
25	-	● B7830025	● TB78325	14	34,20	
28	-	● B7830028	● TB78328	13	40,55	
30	-	● B7830030	● TB78330	13	40,55	
32	-	● B7830032	● TB78332	13	40,55	
35	-	● B7830035	● TB78335	13	48,50	
38	-	● B7830038	● TB78338	13	48,50	



B716

BUSSOLA: TUBO POLLICI DA BRASARE
FOURREAU: TUBE POUÇES À BRASER
BUSH: INCHES TUBE TO BRAZE
STÜTZHÜLSE: ZÖLLIGES ROHR ZU LÖTENDE
FERULA: TUBO EN PULGADAS A SOLDAR

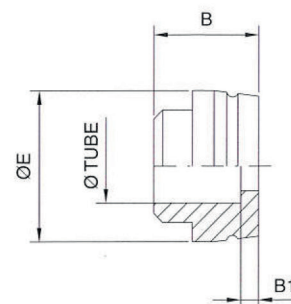


Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	B	B1	Ø E	
mm.	Poll. - Pouces Inch. - Zoll Pulgadas						
-	1/4	● B7160004	● TB715B04	9,5	1	12,75	
-	5/16	● B7160005	● TB715B05	9,5	1	15,75	
-	3/8	● B7160006	● TB715B06	9,5	1	15,75	
-	1/2	● B7160008	● TB715B08	9,5	1	18,90	
-	5/8	● B7160010	● TB715B10	10,5	1,5	23,45	
-	3/4	● B7160012	● TB715B12	14	1,5	27,85	
-	7/8	● B7160014	● TB715B14	15,5	1,5	34,20	
-	1"	● B7160016	● TB715B16	15,5	1,5	34,20	
-	1" 1/4	● B7160020	● TB715B20	15,5	1,5	40,55	
-	1" 1/2	● B7160024	● TB715B24	15,5	1,5	48,50	

- Non zincati solo lubrificati - Non zingués, seulement graissés - Not zincate, only lubricated - Nicht verzinkt nur geschmiert - No galvanizados, sólo lubricados

B784

BUSSOLA: TUBO METRICO DA BRASARE
FOURREAU: TUBE METRIQUE À BRASER
BUSH: METRIC TUBE TO BRAZE
STÜTZHÜLSE: METRISCHES ROHR ZU LÖTENDE
FERULA: TUBO METRICO A SOLDAR



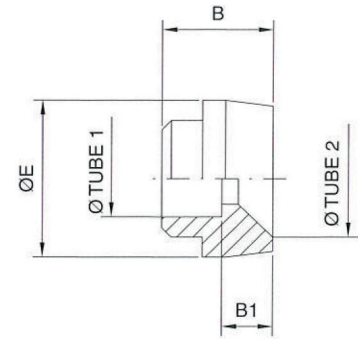
Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	B	B1	Ø E	
mm.	Poll. - Pouces Inch. - Zoll Pulgadas						
6	-	● B7840006	● TB783B06	9,5	1	12,75	
8	-	● B7840008	● TB783B08	9,5	1	15,75	
10	-	● B7840010	● TB783B10	9,5	1	15,75	
12	-	● B7840012	● TB783B12	9,5	1	18,90	
14	-	● B7840014	● TB783B14	10,5	1,5	23,45	
15	-	● B7840015	● TB783B15	10,5	1,5	23,45	
16	-	● B7840016	● TB783B16	10,5	1,5	23,45	
18	-	● B7840018	● TB783B18	14	1,5	27,85	
20	-	● B7840020	● TB783B20	14	1,5	27,85	
22	-	● B7840022	● TB783B22	15,5	1,5	34,20	
25	-	● B7840025	● TB783B25	15,5	1,5	34,20	
28	-	● B7840028	● TB783B28	15,5	1,5	40,55	
30	-	● B7840030	● TB783B30	15,5	1,5	40,55	
32	-	● B7840032	● TB783B32	15,5	1,5	40,55	
35	-	● B7840035	● TB783B35	15,5	1,5	48,50	
38	-	● B7840038	● TB783B38	15,5	1,5	48,50	

- Non zincati solo lubrificati - Non zingués, seulement graissés - Not zincate, only lubricated - Nicht verzinkt nur geschmiert - No galvanizados, sólo lubricados



B785

BUSSOLA (DI RIDUZIONE): TUBO POLLICI DA BRASARE
FOURREAU (DE REDUCTION): TUBE POUCES À BRASER
BUSH (COUPLING): INCHES TUBE TO BRAZE
STÜTZHÜLSE (REDUZIERUNG): ZÖLLIGES ROHR ZU LÖTENDE
FERULA (REDUCIDO): TUBO EN PULGADAS A SOLDAR

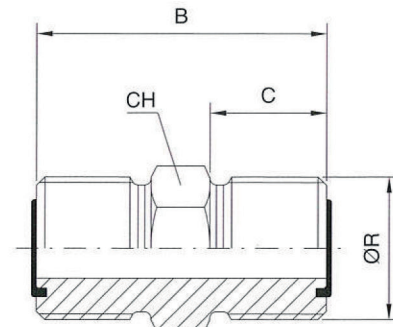


Ø TUBO-TUBE-ROHR 2		Ø TUBO-TUBE-ROHR 1		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	B	B1	Ø E	
mm.	Poll. - Pouce Inch. - Zoll Pulgadas	mm.	Poll. - Pouce Inch. - Zoll Pulgadas						
-	3/8	-	1/4	● B7850706	● TB715B0604	10,5	2	15,75	
-	1/2	-	1/4	● B7850906	● TB715B0804	12	3,5	18,90	
-	1/2	-	3/8	● B7850907	● TB715B0806	12	3,5	18,90	
-	5/8	-	1/4	● B7851106	● TB715B1004	13,5	5	23,45	
-	5/8	-	3/8	● B7851107	● TB715B1006	13,5	5	23,45	
-	5/8	-	1/2	● B7851109	● TB715B1008	13,5	5	23,45	
-	3/4	-	1/4	● B7851306	● TB715B1204	14,5	6	27,85	
-	3/4	-	3/8	● B7851307	● TB715B1206	14,5	6	27,85	
-	3/4	-	1/2	● B7851309	● TB715B1208	14,5	6	27,85	
-	3/4	-	5/8	● B7851311	● TB715B1210	14,5	6	27,85	
-	1"	-	1/2	● B7851709	● TB715B1608	15,5	7	34,20	
-	1"	-	5/8	● B7851711	● TB715B1610	15,5	7	34,20	
-	1"	-	3/4	● B7851713	● TB715B1612	17	4,5	34,20	
-	1"	-	7/8	● B7851714	● TB715B1614	17	3	34,20	

- Non zincati solo lubrificati - Non zingués, seulement graissés - Not zincate, only lubricated - Nicht verzinkt nur geschmiert - No galvanizados, sólo lubricados

B717

CORPO: UNIONE DIRITTA
CORP: UNION DROIT
BODY: STRAIGHT COUPLING
KÖRPER: GERADE VERSCHRAUBUNG
CUERPO: ADAPTADOR RECTO



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	Ø R - UNF ORFS	B	C	CH	PN	
mm.	Poll. - Pouce Inch. - Zoll Pulgadas								
6	1/4	● B7170006	● TB7170606	9/16	27,5	10	17	630	
8-10	5/16 - 3/8	● B7170007	● TB7170707	11/16	31	11	19	630	
12	1/2	● B7170009	● TB7170909	13/16	35,5	13	22	630	
14-15-16	5/8	● B7170011	● TB7171111	1"	42,5	15,5	27	420	
18-20	3/4	● B7170013	● TB7171313	1"3/16	47	17	32	420	
22-25	1"	● B7170017	● TB7171717	1"7/16	49,5	17,5	41	420	
28-30-32	1"1/4	● B7170021	● TB7172121	1"11/16	51,5	17,5	46	420	
35-38	1"1/2	● B7170025	● TB7172525	2"	53	17,5	55	350	



B718

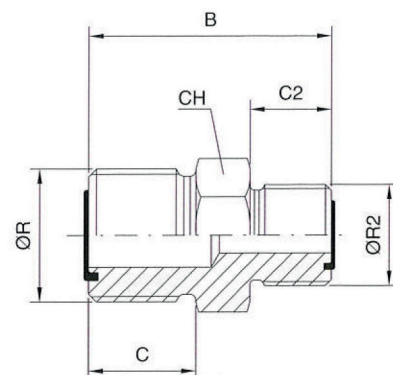
CORPO: UNIONE DIRITTA RIDOTTA

CORP: UNION DROIT DE REDUCTION

BODY: REDUCED STRAIGHT COUPLING

KÖRPER: GERADE VERSCHRAUBUNG - REDUZIERUNG

CUERPO: ADAPTADOR REDUCIDO RECTO



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	ØR -UNF ORFS	ØR2 -UNF ORFS	B	C	C2	CH	PN
mm.	Poll. - Pouces Inch. - Zoll Pulgadas									
8-10	5/16 - 3/8	● B7180706	● TB7170706	11/16		30	11	10	19	630
6	1/4				9/16					
12	1/2	● B7180907	● TB7170907	13/16		34	13	11	22	630
8-10	5/16 - 3/8				11/16					
14-15-16	5/8	● B7181109	● TB7171109	1"		40	15,5	13	27	420
12	1/2				13/16					
18-20	3/4	● B7181311	● TB7171311	1 3/16		46	17	15,5	32	420
14-15-16	5/8				1"					
22-25	1	● B7181713	● TB7171713	1 7/16		49	17,5	17	41	420
18-20	3/4				1 3/16					
28-30-32	1 1/4	● B7182117	● TB7172117	1 11/16		51	17,5	17,5	46	420
22-25	1"				1 7/16					
35-38	1 1/2	● B7182521	● TB7172521	2"		53	17,5	17,5	55	350
28-30-32	1 1/4				1 11/16					



B719

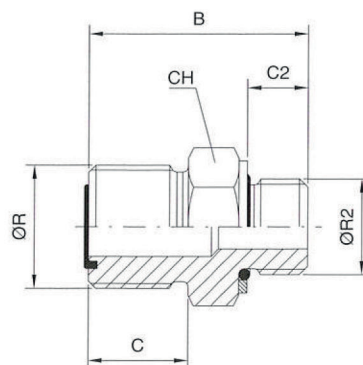
CORPO: TERMINALE DIRITTO MASCHIO BSPP (GAS CILINDRICO)

CORP: TERMINAL DROIT MÂLE BSPP (GAZ CILINDRIQUE)

BODY: MALE STUD BSPP (B.S.P. PARALLEL)

KÖRPER: GERADE EINSCHRAUB BSPP (B.S.P. ZYLINDRISCH)

CUERPO: ADAPTADOR RECTO MACHO BSPP (GAS CILINDRICO)



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	ØR - UNF ORFS	ØR 2 BSPP	B	C	C2	CH	PN
mm.	Poll. - Pouces Inch. - Zoll Pulgadas									
6	1/4	● B7190602	● TB719N06R02	9/16	1/8	26	10	6,3	17	350
6	1/4	● B7190604	● TB719N06R04	9/16	1/4	31	10	9,5	19	350
6	1/4	● B7190606	● TB719N06R06	9/16	3/8	32	10	9,5	22	350
6	1/4	● B7190608	● TB719N06R08	9/16	1/2	35	10	13	27	315
8-10	5/16 - 3/8	● B7190702	● TB719N07R02	11/16	1/8	28	11	6,3	19	350
8-10	5/16 - 3/8	● B7190704	● TB719N07R04	11/16	1/4	32	11	9,5	19	350
8-10	5/16 - 3/8	● B7190706	● TB719N07R06	11/16	3/8	33	11	9,5	22	350
8-10	5/16 - 3/8	● B7190708	● TB719N07R08	11/16	1/2	37	11	13	27	315
8-10	5/16 - 3/8	● B7190712	● TB719N07R12	11/16	3/4	40	11	13	32	250
12	1/2	● B7190904	● TB719N09R04	13/16	1/4	35	13	9,5	22	350
12	1/2	● B7190906	● TB719N09R06	13/16	3/8	35	13	9,5	22	350
12	1/2	● B7190908	● TB719N09R08	13/16	1/2	38	13	13	27	315
12	1/2	● B7190912	● TB719N09R12	13/16	3/4	42	13	13	32	250
14-15-16	5/8	● B7191106	● TB719N11R06	1"	3/8	39	15,5	9,5	27	350
14-15-16	5/8	● B7191108	● TB719N11R08	1"	1/2	41	15,5	13	27	315
14-15-16	5/8	● B7191112	● TB719N11R12	1"	3/4	45	15,5	13	32	250
14-15-16	5/8	● B7191116	● TB719N11R16	1"	1"	48	15,5	16	41	250
18-20	3/4	● B7191308	● TB719N13R08	1 3/16	1/2	44	17	13	32	250
18-20	3/4	● B7191312	● TB719N13R12	1 3/16	3/4	46	17	13	32	250
18-20	3/4	● B7191316	● TB719N13R16	1 3/16	1"	49	17	16	41	250
18-20	3/4	● B7191320	● TB719N13R20	1 3/16	1 1/4	53	17	16	50	210
22-25	1"	● B7191708	● TB719N17R08	1 7/16	1/2	48	17,5	13	41	315
22-25	1"	● B7191712	● TB719N17R12	1 7/16	3/4	48	17,5	13	41	250
22-25	1"	● B7191716	● TB719N17R16	1 7/16	1"	50	17,5	16	41	250
22-25	1"	● B7191720	● TB719N17R20	1 7/16	1 1/4	54	17,5	16	50	210
22-25	1"	● B7191724	● TB719N17R24	1 7/16	1 1/2	58	17,5	16	55	210
28-30-32	1 1/4	● B7192116	● TB719N21R16	1 11/16	1"	52	17,5	16	46	250
28-30-32	1 1/4	● B7192120	● TB719N21R20	1 11/16	1 1/4	54	17,5	16	50	210
28-30-32	1 1/4	● B7192124	● TB719N21R24	1 11/16	1 1/2	58	17,5	16	55	140
35-38	1 1/2	● B7192520	● TB719N25R20	2"	1 1/4	56	17,5	16	55	210
35-38	1 1/2	● B7192524	● TB719N25R24	2"	1 1/2	58	17,5	16	55	140



B720

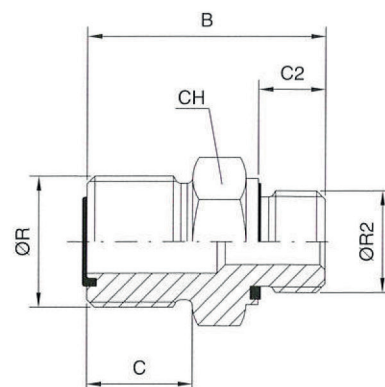
CORPO: TERMINALE DIRITTO MASCHIO BSPP (GAS CILINDRICO)
GG - GUARNIZIONE GOMMA - FORMA E DIN 3852

CORP: TERMINAL DROIT MÂLE BSPP (GAZ CILINDRIQUE)
GG - JOINT EN CAOUTCHOUC - FORME E DIN 3852

BODY: MALE STUD BSPP (B.S.P. PARALLEL)
GG - RUBBER SEAL - TYPE E DIN 3852

KÖRPER: GERADE EINSCHRAUB BSPP (B.S.P. ZYLINDRISCH)
GG - GUMMIDICHTUNG - FORM E DIN 3852

CUERPO: ADAPTADOR RECTO MACHO BSPP (GAS CILINDRICO)
GG - JUNTA DE GOMA - FORMA E DIN 3852



Ø TUBO-TUBE-ROHR		Articolo Article Item	Codice Reference Code	ØR - UNF ORFS	ØR 2 BSPP	B	C	C2	CH	PN
mm.	Poll. - Pouces Inch. - Zoll Pulgadas	Artikelnummer Artículo	Best-nr Código							
6	1/4	● B7200602	● TB719G06R02	9/16	1/8	26	10	8	17	630
6	1/4	● B7200604	● TB719G06R04	9/16	1/4	31	10	12	19	630
6	1/4	● B7200606	● TB719G06R06	9/16	3/8	32	10	12	22	630
6	1/4	● B7200608	● TB719G06R08	9/16	1/2	35	10	14	27	630
8-10	5/16 - 3/8	● B7200702	● TB719G07R02	11/16	1/8	28	11	8	19	630
8-10	5/16 - 3/8	● B7200704	● TB719G07R04	11/16	1/4	32	11	12	19	630
8-10	5/16 - 3/8	● B7200706	● TB719G07R06	11/16	3/8	33	11	12	22	630
8-10	5/16 - 3/8	● B7200708	● TB719G07R08	11/16	1/2	37	11	14	27	630
8-10	5/16 - 3/8	● B7200712	● TB719G07R12	11/16	3/4	40	11	16	32	420
12	1/2	● B7200904	● TB719G09R04	13/16	1/4	35	13	12	22	630
12	1/2	● B7200906	● TB719G09R06	13/16	3/8	35	13	12	22	630
12	1/2	● B7200908	● TB719G09R08	13/16	1/2	38	13	14	27	630
12	1/2	● B7200912	● TB719G09R12	13/16	3/4	42	13	16	32	420
14-15-16	5/8	● B7201106	● TB719G11R06	1"	3/8	39	15,5	12	27	420
14-15-16	5/8	● B7201108	● TB719G11R08	1"	1/2	41	15,5	14	27	420
14-15-16	5/8	● B7201112	● TB719G11R12	1"	3/4	45	15,5	16	32	420
14-15-16	5/8	● B7201116	● TB719G11R16	1"	1"	48	15,5	18	41	420
18-20	3/4	● B7201308	● TB719G13R08	1"3/16	1/2	44	17	14	32	420
18-20	3/4	● B7201312	● TB719G13R12	1"3/16	3/4	46	17	16	32	420
18-20	3/4	● B7201316	● TB719G13R16	1"3/16	1"	49	17	18	41	420
18-20	3/4	● B7201320	● TB719G13R20	1"3/16	1"1/4	53	17	20	50	420
22-25	1"	● B7201708	● TB719G17R08	1"7/16	1/2	48	17,5	16	41	420
22-25	1"	● B7201712	● TB719G17R12	1"7/16	3/4	48	17,5	16	41	420
22-25	1"	● B7201716	● TB719G17R16	1"7/16	1"	50	17,5	18	41	420
22-25	1"	● B7201720	● TB719G17R20	1"7/16	1"1/4	54	17,5	20	50	420
22-25	1"	● B7201724	● TB719G17R24	1"7/16	1"1/2	58	17,5	22	55	350
28-30-32	1"1/4	● B7202116	● TB719G21R16	1"11/16	1"	52	17,5	18	46	420
28-30-32	1"1/4	● B7202120	● TB719G21R20	1"11/16	1"1/4	54	17,5	20	50	420
28-30-32	1"1/4	● B7202124	● TB719G21R24	1"11/16	1"1/2	58	17,5	22	55	350
35-38	1"1/2	● B7202520	● TB719G25R20	2"	1"1/4	56	17,5	20	55	350
35-38	1"1/2	● B7202524	● TB719G25R24	2"	1"1/2	58	17,5	22	55	350



B721

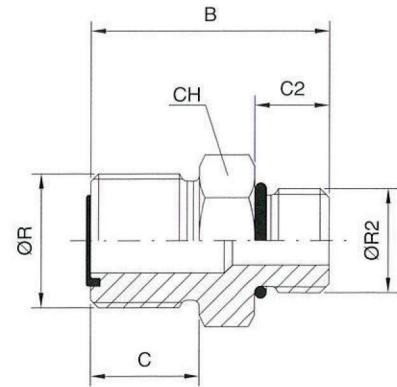
CORPO: TERMINALE DIRITTO MASCHIO UNF 2A

CORP: TERMINAL DROIT MÂLE UNF 2A

BODY: MALE STUD UNF 2A

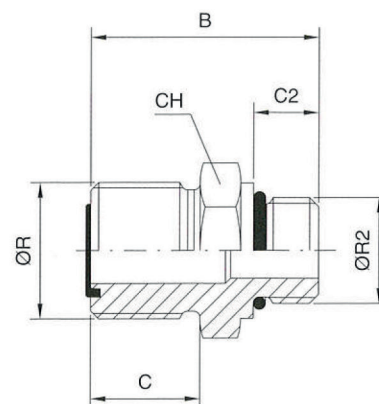
KÖRPER: GERADE EINSCHRAUB UNF 2A

CUERPO: ADAPTADOR RECTO MACHO UNF 2A

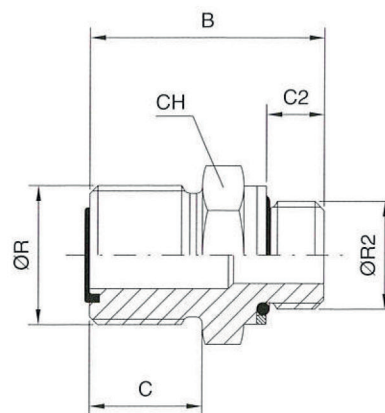


Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	ØR - UNF ORFS	ØR 2 UNF	B	C	C2	CH	PN
mm.	Poll. - Pouces Inch. - Zoll Pulgadas									
6	1/4	● B7210604	● TB71906U07	9/16	7/16	29	10	11	17	630
6	1/4	● B7210605	● TB71906U08	9/16	1/2	29	10	11	17	630
6	1/4	● B7210606	● TB71906U09	9/16	9/16	30,5	10	12	19	630
6	1/4	● B7210608	● TB71906U12	9/16	3/4	33,5	10	14	22	630
8-10	5/16 - 3/8	● B7210704	● TB71907U07	11/16	7/16	32	11	11	19	630
8-10	5/16 - 3/8	● B7210705	● TB71907U08	11/16	1/2	31	11	11	19	630
8-10	5/16 - 3/8	● B7210706	● TB71907U09	11/16	9/16	33	11	12	19	630
8-10	5/16 - 3/8	● B7210708	● TB71907U12	11/16	3/4	35	11	14	22	630
8-10	5/16 - 3/8	● B7210710	● TB71907U14	11/16	7/8	39	11	16	27	420
12	1/2	● B7210906	● TB71909U09	13/16	9/16	34,5	13	12	22	630
12	1/2	● B7210908	● TB71909U12	13/16	3/4	36,5	13	14	22	630
12	1/2	● B7210910	● TB71909U14	13/16	7/8	40,5	13	16	27	420
12	1/2	● B7210912	● TB71909U17	13/16	1"1/16	44,5	13	18,5	32	420
12	1/2	● B7210916	● TB71909U21	13/16	1"5/16	46	13	18,5	41	420
14-15-16	5/8	● B7211108	● TB71911U12	1"	3/4	41	15,5	14	27	420
14-15-16	5/8	● B7211110	● TB71911U14	1"	7/8	43	15,5	16	27	420
14-15-16	5/8	● B7211112	● TB71911U17	1"	1"1/16	47	15,5	18,5	32	420
18-20	3/4	● B7211308	● TB71913U12	1"3/16	3/4	44,5	17	14	32	420
18-20	3/4	● B7211310	● TB71913U14	1"3/16	7/8	46,5	17	16	32	420
18-20	3/4	● B7211312	● TB71913U17	1"3/16	1"1/16	48,5	17	18,5	32	420
18-20	3/4	● B7211316	● TB71913U21	1"3/16	1"5/16	50	17	18,5	41	420
18-20	3/4	● B7211320	● TB71913U26	1"3/16	1"5/8	51	17	18,5	46	420
22-25	1"	● B7211712	● TB71917U17	1"7/16	1"1/16	50,5	17,5	18,5	41	420
22-25	1"	● B7211716	● TB71917U21	1"7/16	1"5/16	50,5	17,5	18,5	41	420
22-25	1"	● B7211720	● TB71917U26	1"7/16	1"5/8	52,5	17,5	18,5	46	420
28-30-32	1"1/4	● B7212116	● TB71921U21	1"11/16	1"5/16	52,5	17,5	18,5	46	420
28-30-32	1"1/4	● B7212120	● TB71921U26	1"11/16	1"5/8	52,5	17,5	18,5	46	420
28-30-32	1"1/4	● B7212124	● TB71921U30	1"11/16	1"7/8	54	17,5	18,5	55	350
35-38	1"1/2	● B7212520	● TB71925U26	2"	1"5/8	54	17,5	18,5	55	350
35-38	1"1/2	● B7212524	● TB71925U30	2"	1"7/8	54	17,5	18,5	55	350

CORPO:	TERMINALE DIRITTO MASCHIO METRICO CILINDRICO - ISO 6149-2
CORP:	TERMINAL DROIT MÂLE CILINDRIQUE METRIQUE- ISO 6149-2
BODY:	MALE STUD METRIC PARALLEL - ISO 6149-2
KÖRPER:	GERADE EINSCHRAUB METRISCH ZYLINDRISCH - ISO 6149-2
CUERPO:	ADAPTADOR RECTO MACHO METRICO CILINDRICO - ISO 6149-2

45

CORPO:	TERMINALE DIRITTO MASCHIO METRICO CILINDRICO RONDELLA TENUTA O.RING
CORP:	TERMINAL DROIT MÂLE CILINDRIQUE METRIQUE RONDELLE D'ETANCHEITE O.RING
BODY:	MALE STUD METRIC PARALLEL O.RING SEAL RING
KÖRPER:	GERADE EINSCHRAUB METRISCH ZYLINDRISCH BEWEGLICHE UNTERLEGSCHIEBE F.O.RING
CUERPO:	ADAPTADOR RECTO MACHO METRICO CILINDRICO ARANDELA DE RETENCION JUNTA TORICA

46



B724

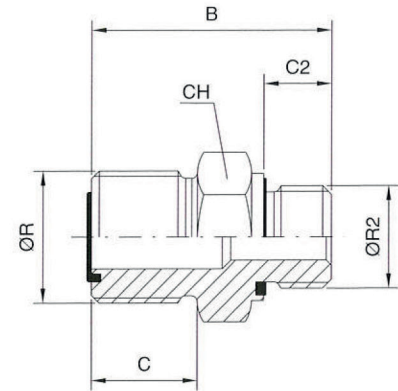
CORPO: TERMINALE DIRITTO MASCHIO METRICO CILINDRICO
GG - GUARNIZIONE GOMMA - FORMA E DIN 3852

CORP: TERMINAL DROIT MÂLE CILINDRIQUE METRIQUE
GG - JOINT EN CAOUTCHOUC - FORME E DIN 3852

BODY: MALE STUD METRIC PARALLEL
GG - RUBBER SEAL - TYPE E DIN 3852

KÖRPER: GERADE EINSCHRAUB METRISCH ZYLINDRISCH
GG - GUMMIDICHTUNG - FORM E DIN 3852

CUERPO: ADAPTADOR RECTO MACHO METRICO CILINDRICO
GG - JUNTA DE GOMA - FORMA E DIN 3852



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	ØR - UNF ORFS	ØR 2 Metrico Metrique Metric Metrisch	B	C	C2	CH	PN
mm.	Poll. - Pouces Inch. - Zoll Pulgadas									
6	1/4	● B7240602	● TB719G06M10	9/16	10x1	26	10	8	17	630
6	1/4	● B7240603	● TB719G06M12	9/16	12x1,5	30	10	12	17	630
6	1/4	● B7240604	● TB719G06M14	9/16	14x1,5	31	10	12	19	630
6	1/4	● B7240605	● TB719G06M16	9/16	16x1,5	31	10	12	22	630
8-10	5/16 - 3/8	● B7240703	● TB719G07M12	11/16	12x1,5	35	11	12	19	630
8-10	5/16 - 3/8	● B7240704	● TB719G07M14	11/16	14x1,5	32	11	12	19	630
8-10	5/16 - 3/8	● B7240705	● TB719G07M16	11/16	16x1,5	32	11	12	22	630
12	1/2	● B7240905	● TB719G09M16	13/16	16x1,5	38	13	12	22	630
12	1/2	● B7240906	● TB719G09M18	13/16	18x1,5	35	13	12	24	630
14-15-16	5/8	● B7241105	● TB719G11M16	1"	16x1,5	42	15,5	12	27	420
14-15-16	5/8	● B7241106	● TB719G11M18	1"	18x1,5	43	15,5	12	27	420
14-15-16	5/8	● B7241108	● TB719G11M22	1"	22x1,5	41	15,5	14	27	420
18-20	3/4	● B7241314	● TB719G13M27	1 3/16	27x2	46	17	16	32	420
22-25	1"	● B7241716	● TB719G17M33	1 7/16	33x2	50	17,5	18	41	420
28-30-32	1 1/4	● B7242120	● TB719G21M42	1 11/16	42x2	54	17,5	20	50	420
35-38	1 1/2	● B7242524	● TB719G25M48	2"	48x2	58	17,5	22	55	350



B725

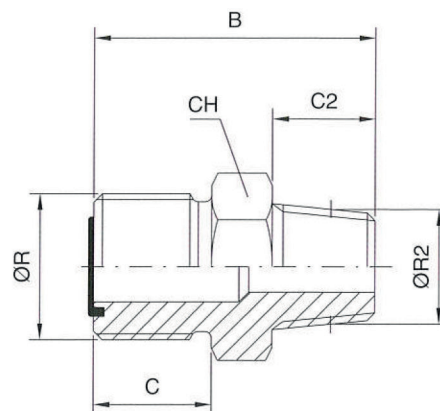
CORPO: TERMINALE DIRITTO MASCHIO NPT

CORP: TERMINAL DROIT MÂLE NPT

BODY: MALE STUD NPT

KÖRPER: GERADE EINSCHRAUB NPT

CUERPO: ADAPTADOR RECTO MACHO NPT



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	ØR - UNF ORFS	ØR 2 NPT	B	C	C2	CH	PN
mm.	Poll. - Pouces Inch. - Zoll Pulgadas									
6	1/4	● B7250602	● TB72506N02	9/16	1/8	27	10	9,7	17	420
6	1/4	● B7250604	● TB72506N04	9/16	1/4	32	10	14,2	17	420
6	1/4	● B7250606	● TB72506N06	9/16	3/8	33	10	14,2	19	420
8-10	5/16 - 3/8	● B7250704	● TB72507N04	11/16	1/4	34	11	14,2	19	420
8-10	5/16 - 3/8	● B7250706	● TB72507N06	11/16	3/8	34	11	14,2	19	420
8-10	5/16 - 3/8	● B7250708	● TB72507N08	11/16	1/2	39,5	11	19	22	420
12	1/2	● B7250906	● TB72509N06	13/16	3/8	37	13	14,2	22	420
12	1/2	● B7250908	● TB72509N08	13/16	1/2	41,5	13	19	22	420
12	1/2	● B7250912	● TB72509N12	13/16	3/4	43	13	19	30	380
14-15-16	5/8	● B7251108	● TB72511N08	1"	1/2	46	15,5	19	27	420
14-15-16	5/8	● B7251112	● TB72511N12	1"	3/4	46,5	15,5	19	30	380
18-20	3/4	● B7251308	● TB72513N08	1"3/16	1/2	49	17	19	32	420
18-20	3/4	● B7251312	● TB72513N12	1"3/16	3/4	49	17	19	32	380
18-20	3/4	● B7251316	● TB72513N16	1"3/16	1"	54	17	23,9	36	310
22-25	1"	● B7251712	● TB72517N12	1"7/16	3/4	51	17,5	19	41	380
22-25	1"	● B7251716	● TB72517N16	1"7/16	1"	55,5	17,5	23,9	41	310
28-30-32	1"1/4	● B7252120	● TB72521N20	1"11/16	1"1/4	58,5	17,5	24,6	46	210
35-38	1"1/2	● B7252524	● TB72525N24	2"	1"1/2	61	17,5	25,4	55	200



B731

CORPO: RIDUZIONE

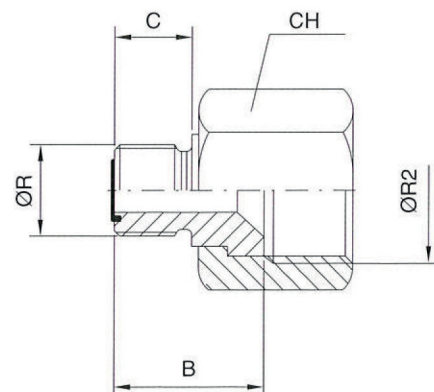
CORP: REDUCTION

BODY: STUD ADAPTOR

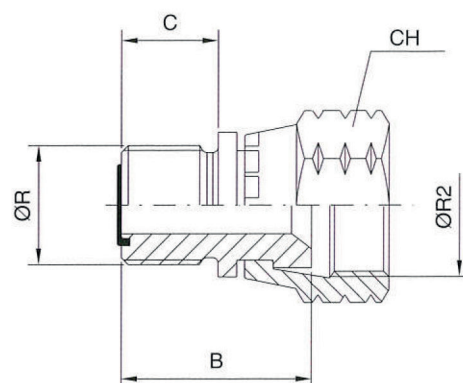
KÖRPER: REDUZIERVERSCHRAUBUNG

CUERPO: REDUCCIÓN

TIPO "A"
TYPE "A"
TYP "A"



TIPO "B"
TYPE "B"
TYP "B"



Ø TUBO-TUBE-ROHR				Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	ØR2 UNF-2B ORFS	ØR UNF-2A ORFS	B	CH	Tipo Type Typ	CH	PN
mm.	Poll. - Pouces Inch. - Zoll Pulgadas	mm.	Poll. - Pouces Inch. - Zoll Pulgadas									
8-10	5/16 - 3/8	6	1/4	● B7310706	● TB7310706	11/16	9/16	20	22	B	10	630
12	1/2	6	1/4	● B7310906	● TB7310906	13/16	9/16	22	24	A	10	630
12	1/2	8-10	5/16 - 3/8	● B7310907	● TB7310907	13/16	11/16	23	24	B	11	630
14-15-16	5/8	6	1/4	● B7311106	● TB7311106	1"	9/16	23	30	A	10	420
14-15-16	5/8	8-10	5/16 - 3/8	● B7311107	● TB7311107	1"	11/16	24	30	A	11	420
14-15-16	5/8	12	1/2	● B7311109	● TB7311109	1"	13/16	26	30	A	13	420
18-20	3/4	6	1/4	● B7311306	● TB7311306	1"3/16	9/16	26	36	A	10	420
18-20	3/4	8-10	5/16 - 3/8	● B7311307	● TB7311307	1"3/16	11/16	26	36	A	11	420
18-20	3/4	12	1/2	● B7311309	● TB7311309	1"3/16	13/16	28	36	A	13	420
18-20	3/4	14-15-16	5/8	● B7311311	● TB7311311	1"3/16	1"	29,5	36	B	15,5	420
22-25	1"	12	1/2	● B7311709	● TB7311709	1"7/16	13/16	29,5	41	A	13	420
22-25	1"	14-15-16	5/8	● B7311711	● TB7311711	1"7/16	1"	32	41	A	15,5	420
22-25	1"	18-20	3/4	● B7311713	● TB7311713	1"7/16	1"3/16	33	41	B	17	420
28-30-32	1"1/4	18-20	3/4	● B7312113	● TB7312113	1"11/16	1"3/16	33,5	50	A	17	420
28-30-32	1"1/4	22-25	1"	● B7312117	● TB7312117	1"11/16	1"7/16	38,5	50	B	17,5	350
35-38	1"1/2	22-25	1"	● B7312517	● TB7312517	2"	1"7/16	34	60	A	17,5	350
35-38	1"1/2	28-30-32	1"1/4	● B7312521	● TB7312521	2"	1"11/16	34	60	A	17,5	350



B739

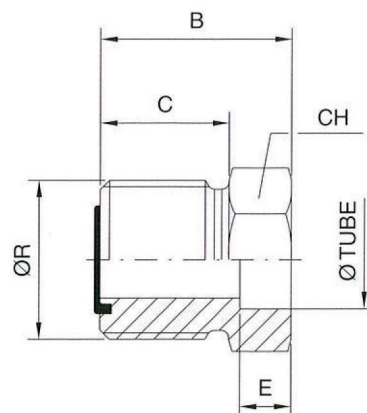
CORPO: SALDABILE

CORP: À SOUDER

BODY: WELDING

KÖRPER: ANSCHWEISSBAR

CUERPO: SOLDABLE



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	ØR - UNF ORFS	B	C	CH	E	PN
mm.	Poll. - Pouces Inch. - Zoll Pulgadas								
6	-	● B7390601	● TB7380606	9/16	22	10	17	8	420
-	1/4	● B7390621	● TB7390604	9/16	22	10	17	9	420
-	3/8	● B7390622	● TB7390606	9/16	22	10	17	9	420
-	1/4	● B7390721	● TB7390704	11/16	23	11	19	9	420
-	3/8	● B7390722	● TB7390706	11/16	23	11	19	9	420
-	1/2	● B7390723	● TB7390708	11/16	23	11	19	9	420
-	5/8	● B7390724	● TB7390710	11/16	23	11	19	8	420
12	-	● B7390904	● TB7380912	13/16	25	13	22	9	420
-	1/4	● B7390921	● TB7390904	13/16	25	13	22	9	420
-	3/8	● B7390922	● TB7390906	13/16	25	13	22	9	420
-	1/2	● B7390923	● TB7390908	13/16	25	13	22	9	420
-	5/8	● B7390924	● TB7390910	13/16	25	13	22	9	420
-	3/4	● B7390925	● TB7390912	13/16	30	13	27	13	420
16	-	● B7391107	● TB7381116	1"	27	15,5	27	8	420
-	3/8	● B7391122	● TB7391106	1"	27	15,5	27	8	420
-	1/2	● B7391123	● TB7391108	1"	27	15,5	27	8	420
-	5/8	● B7391124	● TB7391110	1"	27	15,5	27	8	420
-	3/4	● B7391125	● TB7391112	1"	31	15,5	27	12	420
20	-	● B7391309	● TB7381320	1"3/16	34	17	32	13	420
-	1/2	● B7391323	● TB7391308	1"3/16	30	17	32	9	420
-	5/8	● B7391324	● TB7391310	1"3/16	30	17	32	9	420
-	3/4	● B7391325	● TB7391312	1"3/16	34	17	32	13	420
-	1"	● B7391326	● TB7391316	1"3/16	35	17	41	14	420
25	-	● B7391711	● TB7381725	1"7/16	39	17,5	41	14	420
-	1/2	● B7391723	● TB7391708	1"7/16	33	17,5	41	8	420
-	3/4	● B7391725	● TB7391712	1"7/16	37	17,5	41	12	420
-	1	● B7391726	● TB7391716	1"7/16	39	17,5	41	14	420
-	1"1/4	● B7391727	● TB7391720	1"7/16	39	17,5	46	14	420
30	-	● B7392113	● TB7382130	1"11/16	39	17,5	46	14	280
-	1"	● B7392126	● TB7392116	1"11/16	39	17,5	46	14	280
-	1"1/4	● B7392127	● TB7392120	1"11/16	39	17,5	46	14	280
-	1"1/2	● B7392128	● TB7392124	1"11/16	39	17,5	55	14	280
38	-	● B7392516	● TB7382538	2"	39	17,5	55	14	280
-	1"1/4	● B7392527	● TB7392520	2"	39	17,5	55	14	280
-	1"1/2	● B7392528	● TB7392524	2"	39	17,5	55	14	280



B743

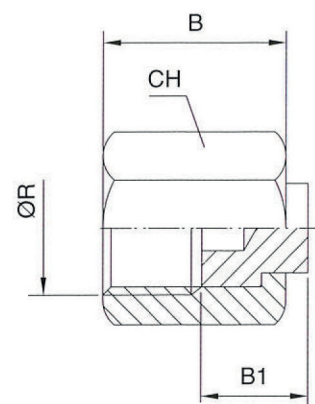
TAPPO PER RACCORDO

OBTURATEUR POUR RACCORD

PLUG FOR FITTING

VERSCHLUSSBOLZEN

TAPON PARA RACOR



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	ØR - UNF ORFS	B	B1	CH	PN	
mm.	Poll. - Pouces Inch. - Zoll Pulgadas								
-	-	● B7430006	● TB74306	9/16	17	8,5	17	630	
-	-	● B7430007	● TB74307	11/16	18	9,5	22	630	
-	-	● B7430009	● TB74309	13/16	22	12	24	630	
-	-	● B7430011	● TB74311	1"	25	12	30	420	
-	-	● B7430013	● TB74313	1"3/16	27	13,5	36	420	
-	-	● B7430017	● TB74317	1"7/16	29	15	41	420	
-	-	● B7430021	● TB74321	1"11/16	29	15	50	280	
-	-	● B7430025	● TB74325	2"	29	15	60	280	

B745

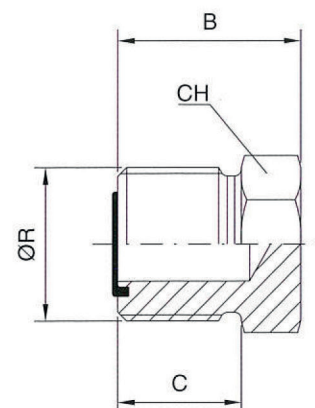
TAPPO PER TUBO

OBTURATEUR POUR TUBE

PLUG FOR TUBE

ROHRVESCHLUSS

TAPON PARA TUBO



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	ØR - UNF ORFS	B	C	CH	PN	
mm.	Poll. - Pouces Inch. - Zoll Pulgadas								
6	1/4	● B7450006	● TB74506	9/16	17	10	17	630	
8-10	5/16 - 3/8	● B7450007	● TB74507	11/16	19	11	19	630	
12	1/2	● B7450009	● TB74509	13/16	22	13	22	630	
14-15-16	5/8	● B7450011	● TB74511	1"	26	15,5	27	420	
18-20	3/4	● B7450013	● TB74513	1"3/16	27,5	17	32	420	
22-25	1"	● B7450017	● TB74517	1"7/16	28	17,5	41	420	
28-30-32	1"1/4	● B7450021	● TB74521	1"11/16	28	17,5	46	420	
35-38	1"1/2	● B7450025	● TB74525	2"	28	17,5	55	350	



B748

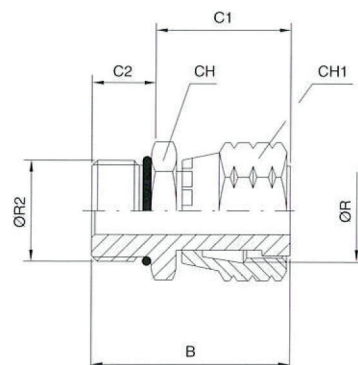
CORPO: ADATTATORE MASCHIO UNF-2A CON DADO GIREVOLE

CORP: ADAPTATEUR MÂLE UNF-2A ECROU PIVOTANT

BODY: MALE STUD ADAPTOR UNF-2A WITH ROTARY NUT

KÖRPER: EINSCHRAUBADAPTER UNF-2A MIT DREHMUTTER

CUERPO: ADAPTADOR MACHO UNF-2A CON TUERCA LOCA



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	ØR - UNF ORFS	ØR2 - UNF	B	C1	C2	CH	CH1	PN
mm.	Poll. - Pouces Inch. - Zoll Pulgadas										
6	1/4	● B7480604	● TB74806U07	9/16	7/16	37	26	11	17	17	500
8-10	5/16 - 3/8	● B7480706	● TB74807U09	11/16	9/16	40	28	12	19	22	630
12	1/2	● B7480908	● TB74809U12	13/16	3/4	50	36	14	22	24	630
14-15-16	5/8	● B7481110	● TB74811U14	1"	7/8	54	38	16	27	30	420
18-20	3/4	● B7481312	● TB74813U17	1 3/16	1 1/16	59	40,5	18,5	32	36	420
22-25	1"	● B7481716	● TB74817U21	1 7/16	1 5/16	68	49,5	18,5	41	41	420
28-30-32	1 1/4	● B7482120	● TB74821U26	1 11/16	1 5/8	68	49,5	18,5	46	50	350

B749

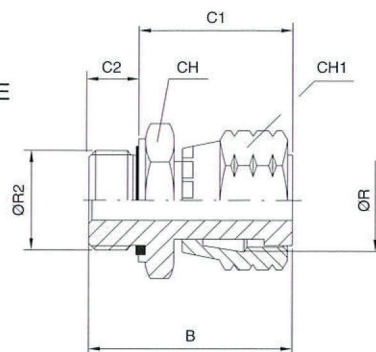
CORPO: ADATTATORE MASCHIO BSPP (GAS CILINDRICO) CON DADO GIREVOLE
GG-GUARNIZIONE GOMMA - FORMA E DIN 3852

CORP: ADAPTATEUR MÂLE BSPP (GAZ CILINDRIQUE) ECROU PIVOTANT
GG-JOINT EN CAOUTCHOUC - FORME E DIN 3852

BODY: MALE STUD ADAPTOR BSPP (B.S.P PARALLEL) WITH ROTARY NUT
GG-RUBBER SEAL - TYPE E DIN 3852

KÖRPER: EINSCHRAUBADAPTER BSPP (B.S.P ZYLINDRISCH) MIT DREHMUTTER
GG-GUMMIDICHTUNG - FORM E DIN 3852

CUERPO: ADAPTADOR MACHO BSPP (GAS CILINDRICO) CON TUERCA LOCA
GG-JUNTA DE GOMA - FORMA E DIN 3852

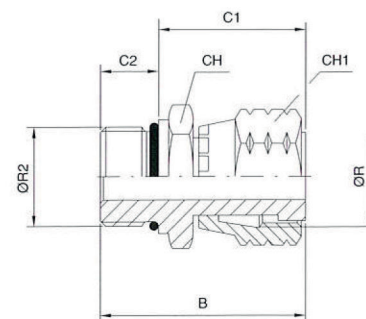


Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	ØR - UNF ORFS	ØR2 BSPP	B	C1	C2	CH	CH1	PN
mm.	Poll. - Pouces Inch. - Zoll Pulgadas										
6	1/4	● B7490602	● TB749G06R02	9/16	1/8	34	26	8	14	17	500
6	1/4	● B7490604	● TB749G06R04	9/16	1/4	38	26	12	19	17	500
8-10	5/16 - 3/8	● B7490704	● TB749G07R04	11/16	1/4	40	28	12	19	22	630
8-10	5/16 - 3/8	● B7490706	● TB749G07R06	11/16	3/8	40	28	12	22	22	630
8-10	5/16 - 3/8	● B7490708	● TB749G07R08	11/16	1/2	42	28	14	27	22	420
12	1/2	● B7490904	● TB749G09R04	13/16	1/4	47	35	12	22	24	630
12	1/2	● B7490906	● TB749G09R06	13/16	3/8	47	35	12	22	24	630
12	1/2	● B7490908	● TB749G09R08	13/16	1/2	49	35	14	27	24	420
14-15-16	5/8	● B7491108	● TB749G11R08	1"	1/2	52	38	14	27	30	420
14-15-16	5/8	● B7491112	● TB749G11R12	1"	3/4	54	38	16	32	30	420
18-20	3/4	● B7491308	● TB749G13R08	1 3/16	1/2	55	41	14	30	36	420
18-20	3/4	● B7491312	● TB749G13R12	1 3/16	3/4	57	41	16	32	36	420
22-25	1"	● B7491716	● TB749G17R16	1 7/16	1"	67	49	18	41	41	420
28-30-32	1 1/4	● B7492120	● TB749G17R20	1 11/16	1 1/4	69	49	20	50	50	350
35-38	1 1/2	● B7492524	● TB749G17R24	2"	1 1/2	72	50	22	55	60	280



B750

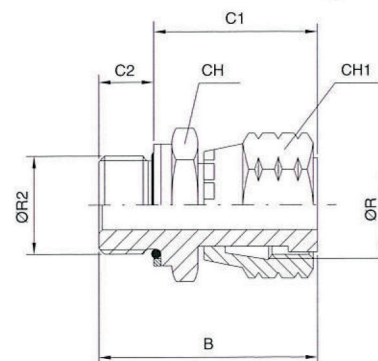
CORPO: ADATTATORE MASCHIO (METRICO CILINDRICO)
ISO 6149-2 CON DADO GIREVOLE
CORP: ADAPTATEUR MÂLE (CILINDRIQUE METRIQUE)
ISO 6149-2 ECROU PIVOTANT
BODY: MALE STUD ADAPTOR (METRIC PARALLEL)
ISO 6149-2 WITH ROTARY NUT
KÖRPER: EINSCHRAUBADAPTER (METRISCH ZYLINDRISCH)
ISO 6149-2 MIT DREHMUTTER
CUERPO: ADAPTADOR MACHO (METRICO CILINDRICO)
ISO 6149-2 CON TUERCA LOCA



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	ØR - UNF ORFS	ØR 2 Metrico Metrique Metric Metrisch	B	C1	C2	CH	CH1	PN
mm.	Poll. - Pouces Inch. - Zoll Pulgadas										
6	1/4	● B7500602	● TB748N06M10	9/16	10x1	35,5	26	9,5	17	17	350
6	1/4	● B7500603	● TB748N06M12	9/16	12x1,5	38	27	11	17	17	500
8-10	5/16 - 3/8	● B7500703	● TB748N07M12	11/16	12x1,5	40	29	11	17	22	630
8-10	5/16 - 3/8	● B7500704	● TB748N07M14	11/16	14x1,5	40	29	11	19	22	630
8-10	5/16 - 3/8	● B7500705	● TB748N07M16	11/16	16x1,5	41,5	29	12,5	22	22	630
12	1/2	● B7500905	● TB748N09M16	13/16	16x1,5	48,5	36	12,5	22	24	630
12	1/2	● B7500906	● TB748N09M18	13/16	18x1,5	50	36	14	24	24	630
14-15-16	5/8	● B7501108	● TB748N11M22	1"	22x1,5	53	38	15	27	30	420
18-20	3/4	● B7501308	● TB748N13M22	1 1/8	22x1,5	57	42	15	30	36	420
18-20	3/4	● B7501314	● TB748N13M27	1 1/8	27x2	60,5	42	18,5	32	36	420
22-25	1"	● B7501714	● TB748N17M27	1 7/8	27x2	67,5	49	18,5	36	41	420
22-25	1"	● B7501716	● TB748N17M33	1 7/8	33x2	67,5	49	18,5	41	41	420
28-30-32	1 1/4	● B7502120	● TB748N21M42	1 11/16	42x2	68	49	19	50	50	350
35-38	1 1/2	● B7502524	● TB748N25M48	2"	48x2	71,5	50	21,5	55	60	280

B750W

CORPO: ADATTATORE MASCHIO (METRICO CILINDRICO)
RONDELLA TENUTA O. RING CON DADO GIREVOLE
CORP: ADAPTATEUR MÂLE (CILINDRIQUE METRIQUE)
RONDELLE D'ÉTANCHEITÉ O. RING ECROU PIVOTANT
BODY: MALE STUD ADAPTOR (METRIC PARALLEL)
O. RING SEAL RING WITH ROTARY NUT
KÖRPER: EINSCHRAUBADAPTER (METRISCH ZYLINDRISCH)
BEWEGLICHE UNTERLEGSCHLEIBE F.O. RING MIT DREHMUTTER
CUERPO: ADAPTADOR MACHO (METRICO CILINDRICO)
ARANDELA DE RETENCION JUNTA TORICA CON TUERCA LOCA



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	ØR - UNF ORFS	ØR 2 Metrico Metrique Metric Metrisch	B	C1	C2	CH	CH1	PN
mm.	Poll. - Pouces Inch. - Zoll Pulgadas										
6	1/4	● B7500602W	● TB748N06M10W	9/16	10x1	35,5	27	8,5	17	17	350
6	1/4	● B7500603W	● TB748N06M12W	9/16	12x1,5	38	28,5	9,5	17	17	350
8-10	5/16 - 3/8	● B7500703W	● TB748N07M12W	11/16	12x1,5	40	30,5	9,5	17	22	350
8-10	5/16 - 3/8	● B7500704W	● TB748N07M14W	11/16	14x1,5	40	30,5	9,5	19	22	350
8-10	5/16 - 3/8	● B7500705W	● TB748N07M16W	11/16	16x1,5	41,5	30,5	11	22	22	350
12	1/2	● B7500905W	● TB748N09M16W	13/16	16x1,5	48,5	37,5	11	22	24	350
12	1/2	● B7500906W	● TB748N09M18W	13/16	18x1,5	50	37,5	12,5	24	24	350
14-15-16	5/8	● B7501108W	● TB748N11M22W	1"	22x1,5	53	39,5	13,5	27	30	250
18-20	3/4	● B7501308W	● TB748N13M22W	1 1/8	22x1,5	57	43,5	13,5	30	36	250
18-20	3/4	● B7501314W	● TB748N13M27W	1 1/8	27x2	60,5	44	16,5	32	36	250
22-25	1"	● B7501714W	● TB748N17M27W	1 7/8	27x2	67,5	51	16,5	36	41	250
22-25	1"	● B7501716W	● TB748N17M33W	1 7/8	33x2	67,5	51	16,5	41	41	250
28-30-32	1 1/4	● B7502120W	● TB748N21M42W	1 11/16	42x2	68	51	17	50	50	175
35-38	1 1/2	● B7502524W	● TB748N25M48W	2"	48x2	71,5	52	19,5	55	60	175



B752

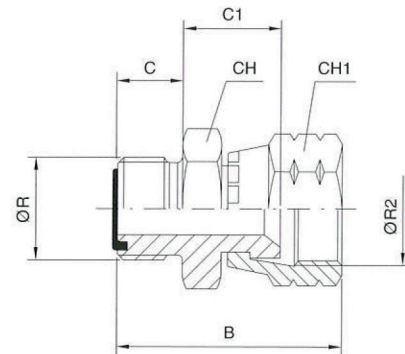
CORPO: ADATTATORE ORFS CON DADO GIREVOLE JIC 37°

CORP: ADAPTATEUR ORFS ECROU PIVOTANT JIC 37°

BODY: ORFS ADAPTOR WITH ROTARY NUT JIC 37°

KÖRPER: ORFS ADAPTER MIT DREHMUTTER JIC 37°

CUERPO: ADAPTADOR ORFS CON TUERCA LOCA JIC 37°



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	ØR ORFS	ØR2 - UNF JIC 37°	B	C1	C	CH	CH1	PN
mm.	Poll. - Pouces Inch. - Zoll Pulgadas										
6	1/4	● B7520604	● TB7520604	9/16	7/16	35	16,3	10	17	17	500
8-10	5/16 - 3/8	● B7520706	● TB7520706	11/16	9/16	38,5	18	11	19	19	350
12	1/2	● B7520908	● TB7520908	13/16	3/4	45	21,3	13	22	24	350
14-15-16	5/8	● B7521110	● TB7521110	1"	7/8	52	23,8	15,5	27	27	350
18-20	3/4	● B7521312	● TB7521312	1"3/16	1"1/16	55,5	24,2	17	32	32	350
22-25	1"	● B7521716	● TB7521716	1"7/16	1"5/16	61	28,4	17,5	41	38	250

B753

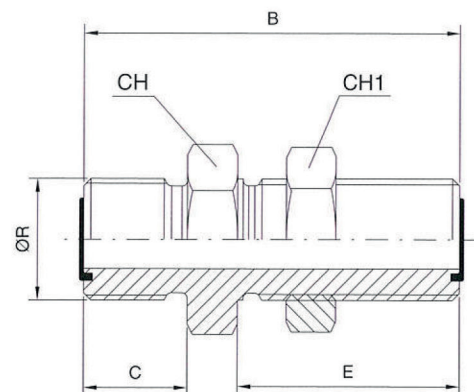
CORPO: UNIONE PASSAPARATIA DIRITTA

CORP: UNION TRAVERSÉE DROITE

BODY: BULKHEAD CONNECTION

KÖRPER: GERADE SCHOTTVERSCHRAUBUNG

CUERPO: UNION PASATABIQUE RECTO



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	ØR - UNF ORFS	B	C	CH	CH1	E	PN	
mm.	Poll. - Pouces Inch. - Zoll Pulgadas										
6	1/4	● B7530006	● TB75306	9/16	48	10	22	22	31,5	630	
8-10	5/16 - 3/8	● B7530007	● TB75307	11/16	53	11	27	27	34	630	
12	1/2	● B7530009	● TB75309	13/16	58,5	13	30	30	36,5	630	
14-15-16	5/8	● B7530011	● TB75311	1"	66,5	15,5	36	36	40,5	420	
18-20	3/4	● B7530013	● TB75313	1"3/16	69	17	41	41	41,5	420	
22-25	1"	● B7530017	● TB75317	1"7/16	70	17,5	46	46	42	420	
28-30-32	1"1/4	● B7530021	● TB75321	1"11/16	70	17,5	50	50	42	420	
35-38	1"1/2	● B7530025	● TB75325	2"	70	17,5	60	60	42	350	



B762

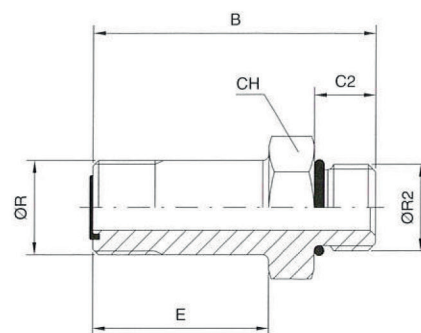
CORPO: TERMINALE DIRITTO MASCHIO UNF-LUNGO

CORP: TERMINAL DROIT MÂLE UNF-LONG

BODY: STRAIGHT THREAD CONNECTOR LONG-UNF

KÖRPER: FINSCHRAUBVERSCHRAUBUNG UNF MIT LANGEM SCHAFT

CUERPO: ADAPTADOR RECTO MACHO UNF-PROLONGACION



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	ØR -UNF ORFS	ØR2 UNF	B	C2	E	CH	PN
mm.	Poll. - Pouces Inch. - Zoll Pulgadas									
6	1/4	● B7620604	● TB76206U07	9/16	7/16	53	11	34	17	630
8-10	5/16 - 3/8	● B7620706	● TB76207U09	11/16	9/16	58	12	37	19	630
12	1/2	● B7620908	● TB76209U12	13/16	3/4	68	14	44	22	630
14-15-16	5/8	● B7621110	● TB76211U14	1"	7/8	80	16	52	27	420
18-20	3/4	● B7621312	● TB76213U17	1"3/16	1"1/16	96	18,5	64	32	420
22-25	1"	● B7621716	● TB76217U21	1"7/16	1"5/16	105	18,5	72	41	420
28-30-32	1"1/4	● B7622120	● TB76221U26	1"11/16	1"5/8	121	18,5	86	46	420
35-38	1"1/2	● B7622524	● TB76225U30	2"	1"7/8	134	18,5	97	55	350

B763

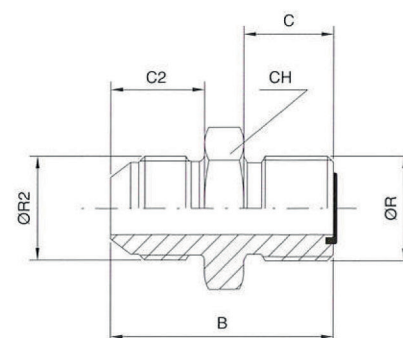
CORPO: ADATTATORE MASCHIO JIC 37° - ORFS

CORP: ADAPTATEUR MÂLE JIC 37° - ORFS

BODY: MALE STUD ADAPTOR JIC 37° - ORFS

KÖRPER: EINSCHRAUBADAPTER JIC 37° - ORFS

CUERPO: ADAPTADOR MACHO JIC 37° - ORFS

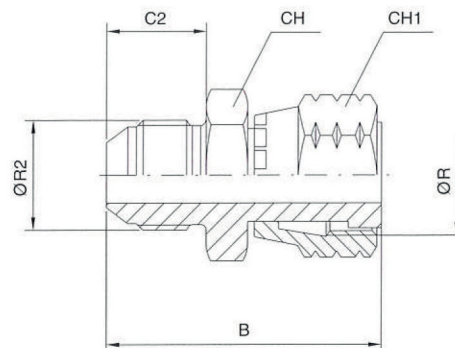


Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	ØR UNF-2B ORFS	ØR2 UNF-2A JIC 37°	B	CH	C	C2	PN
mm.	Poll. - Pouces Inch. - Zoll Pulgadas									
6	1/4	● B7630604	● TB7630604	9/16	7/16	32	17	10	14	500
8-10	5/16 - 3/8	● B7630706	● TB7630706	11/16	9/16	34	19	11	14,1	420
12	1/2	● B7630908	● TB7630908	13/16	3/4	39	22	13	16,7	420
14-15-16	5/8	● B7631110	● TB7631110	1"	7/8	47	27	15,5	19,3	350
18-20	3/4	● B7631312	● TB7631312	1"3/16	1"1/16	52	32	17	21,9	350
22-25	1"	● B7631716	● TB7631716	1"7/16	1"5/16	55	41	17,5	23,1	280
28-30-32	1"1/4	● B7632120	● TB7632120	1"11/16	1"5/8	58	46	17,5	24,3	280
35-38	1"1/2	● B7632524	● TB7632524	2"	1"7/8	63	55	17,5	27,5	210



B765

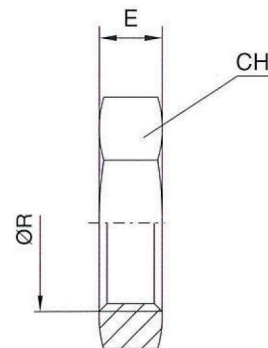
CORPO: ADATTATORE MASCHIO JIC 37° - DADO GIREVOLE ORFS
CORP: ADAPTATEUR MÂLE JIC 37° - ECROU PIVOTANT ORFS
BODY: MALE STUD ADAPTOR JIC 37° - WITH ROTARY NUT ORFS
KÖRPER: EINSCHRAUBADAPTER JIC 37° - MIT DREHMUTTER ORFS
CUERPO: ADAPTADOR MACHO JIC 37° - CON TUERCA LOCA ORFS



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	ØR UNF-2B ORFS	ØR2 UNF-2A JIC 37°	B	C2	CH	CH1	PN
mm.	Poll. - Pouces Inch. - Zoll Pulgadas									
6	1/4	● B7650604	● TB7650604	9/16	7/16	38	14	17	17	500
8-10	5/16 - 3/8	● B7650706	● TB7650706	11/16	9/16	41	14,1	19	22	420
12	1/2	● B7650908	● TB7650908	13/16	3/4	48	16,7	22	24	420
14-15-16	5/8	● B7651110	● TB7651110	1"	7/8	56	19,3	27	30	350
18-20	3/4	● B7651312	● TB7651312	1 3/16	1 1/16	64	21,9	32	36	350
22-25	1"	● B7651716	● TB7651716	1 7/16	1 5/16	68	23,1	41	41	280
28-30-32	1 1/4	● B7652120	● TB7652120	1 11/16	1 5/8	71	24,3	46	50	280

B799

CONTRODADO
CONTRE-ÉCROU
BULKHEAD NUT
GEGENMUTTERN
CONTRATUERCA



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	ØR - UNF	E	CH	
mm.	Poll. - Pouces Inch. - Zoll Pulgadas						
-	-	● B7990006	● TB79906	9/16	7	22	
-	-	● B7990007	● TB79907	11/16	8	27	
-	-	● B7990009	● TB79909	13/16	9	30	
-	-	● B7990011	● TB79911	1"	10,5	36	
-	-	● B7990013	● TB79913	1 3/16	10,5	41	
-	-	● B7990017	● TB79917	1 7/16	10,5	46	
-	-	● B7990021	● TB79921	1 11/16	10,5	50	
-	-	● B7990025	● TB79925	2"	10,5	60	



S701

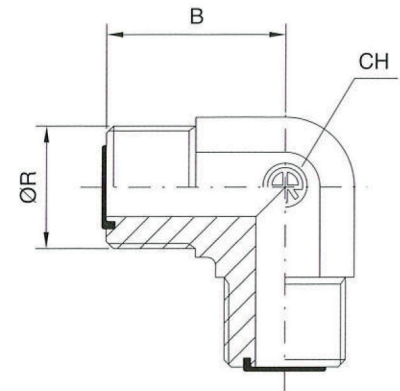
CORPO: UNIONE GOMITO 90°

CORP: UNION COUDE 90°

BODY: ELBOW COUPLING 90°

KÖRPER: WINKELVERSCHRAUBUNG 90°

CUERPO: UNION CODO 90°



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	ØR - UNF ORFS	B	CH	PN	
mm.	Poll. - Pouces Inch. - Zoll Pulgadas							
6	1/4	● S7010006	● TS7010606	9/16	21,5	14	630	
8-10	5/16 - 3/8	● S7010007	● TS7010707	11/16	25	19	630	
12	1/2	● S7010009	● TS7010909	13/16	28	19	630	
14-15-16	5/8	● S7010011	● TS7011111	1"	33,5	27	420	
18-20	3/4	● S7010013	● TS7011313	1"3/16	37,5	30	420	
22-25	1"	● S7010017	● TS7011717	1"7/16	41,5	36	420	
28-30-32	1"1/4	● S7010021	● TS7012121	1"11/16	44,5	41	350	
35-38	1"1/2	● S7010025	● TS7012525	2"	49	48	280	



S705

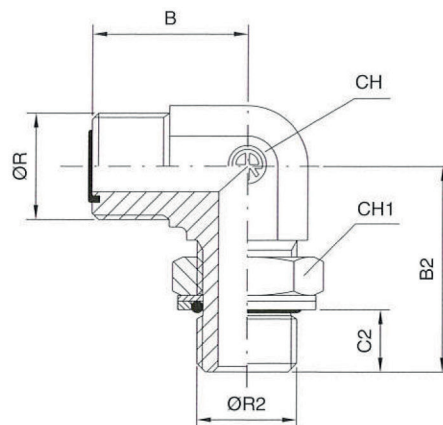
CORPO: GOMITO MASCHIO 90° BSPP (GAS CILINDRICO)

CORP: COUDE MÂLE 90° BSPP (GAZ CILINDRIQUE)

BODY: ELBOW MALE COUPLING 90° BSPP (B.S.P. PARALLEL)

KÖRPER: WINKELEINSCHRAUBVERSCHRAUBUNG 90° BSPP
(B.S.P. ZYLINDRISCH)

CUERPO: CODO MACHO 90° BSPP (GAS CILINDRICO)



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	ØR - UNF ORFS	ØR2 BSPP	B	B2	C2	CH	CH1	PN
mm.	Poll. - Pouces Inch. - Zoll Pulgadas										
6	1/4	● S7050602	● TS70506R02	9/16	1/8	21,5	30	6,3	14	14	350
6	1/4	● S7050604	● TS70506R04	9/16	1/4	24	32	9,5	19	19	350
6	1/4	● S7050606	● TS70506R06	9/16	3/8	25	37,5	9,5	19	22	350
8-10	5/16 - 3/8	● S7050702	● TS70507R02	11/16	1/8	25	32	6,3	19	14	350
8-10	5/16 - 3/8	● S7050704	● TS70507R04	11/16	1/4	25	37	9,5	19	19	350
8-10	5/16 - 3/8	● S7050706	● TS70507R06	11/16	3/8	27	37,5	9,5	19	22	350
8-10	5/16 - 3/8	● S7050708	● TS70507R08	11/16	1/2	28	49	13	27	27	350
12	1/2	● S7050904	● TS70509R04	13/16	1/4	28	37	9,5	19	19	350
12	1/2	● S7050906	● TS70509R06	13/16	3/8	28	37,5	9,5	19	22	350
12	1/2	● S7050908	● TS70509R08	13/16	1/2	31	49	13	27	27	350
12	1/2	● S7050912	● TS70509R12	13/16	3/4	33,5	51,5	13	30	36	250
14-15-16	5/8	● S7051106	● TS70511R06	1"	3/8	33,5	43	9,5	27	22	350
14-15-16	5/8	● S7051108	● TS70511R08	1"	1/2	33,5	49,5	13	27	27	350
14-15-16	5/8	● S7051112	● TS70511R12	1"	3/4	36	51,5	13	30	36	250
14-15-16	5/8	● S7051116	● TS70511R16	1"	1"	40	58	16	36	41	250
18-20	3/4	● S7051308	● TS70513R08	1"3/16	1/2	37,5	50	13	30	27	250
18-20	3/4	● S7051312	● TS70513R12	1"3/16	3/4	37,5	52	13	30	36	250
18-20	3/4	● S7051316	● TS70513R16	1"3/16	1"	41,5	58	16	36	41	250
22-25	1"	● S7051712	● TS70517R12	1"7/16	3/4	41,5	55	13	36	36	250
22-25	1"	● S7051716	● TS70517R16	1"7/16	1"	41,5	58	16	36	41	250
22-25	1"	● S7051720	● TS70517R20	1"7/16	1"1/4	44,5	60	16	41	50	210
28-30-32	1"1/4	● S7052116	● TS70521R16	1"11/16	1"	44,5	60	16	41	41	250
28-30-32	1"1/4	● S7052120	● TS70521R20	1"11/16	1"1/4	44,5	60	16	41	50	210
28-30-32	1"1/4	● S7052124	● TS70521R24	1"11/16	1"1/2	49	65	16	48	55	140
35-38	1"1/2	● S7052524	● TS70525R24	2"	1"1/2	49	65	16	48	55	140



S706

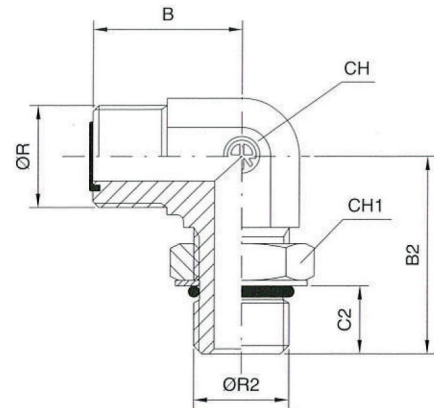
CORPO: GOMITO MASCHIO 90° UNF 2A

CORP: COUDE MÂLE 90° UNF 2A

BODY: ELBOW MALE COUPLING 90° UNF 2A

KÖRPER: WINKELEINSCHRAUBVERSCHRAUBUNG 90° UNF 2A

CUERPO: CODO MACHO 90° UNF 2A



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	ØR - UNF ORFS	ØR2 UNF	B	B2	C2	CH	CH1	PN
mm.	Poll. - Pouces Inch. - Zoll Pulgadas										
6	1/4	● S7060604	● TS70506U07	9/16	7/16	21,5	33	11	14	14	420
6	1/4	● S7060606	● TS70506U09	9/16	9/16	24	37	12	19	17	420
6	1/4	● S7060608	● TS70506U12	9/16	3/4	25	41	13,5	19	22	420
8-10	5/16 - 3/8	● S7060704	● TS70507U07	11/16	7/16	25	35	11	19	14	420
8-10	5/16 - 3/8	● S7060706	● TS70507U09	11/16	9/16	25	37	12	19	17	420
8-10	5/16 - 3/8	● S7060708	● TS70507U12	11/16	3/4	27	41	13,5	19	22	420
8-10	5/16 - 3/8	● S7060710	● TS70507U14	11/16	7/8	29	50	16	27	27	420
8-10	5/16 - 3/8	● S7060712	● TS70507U17	11/16	1"1/16	33,5	55	18,5	30	32	420
12	1/2	● S7060906	● TS70509U09	13/16	9/16	28	37	12	19	17	420
12	1/2	● S7060908	● TS70509U12	13/16	3/4	28	41	13,5	19	22	420
12	1/2	● S7060910	● TS70509U14	13/16	7/8	31	50	16	27	27	420
12	1/2	● S7060912	● TS70509U17	13/16	1"1/16	36	55	18,5	30	32	420
14-15-16	5/8	● S7061108	● TS70511U12	1"	3/4	33,5	46	13,5	27	22	420
14-15-16	5/8	● S7061110	● TS70511U14	1"	7/8	33,5	50	16	27	27	420
14-15-16	5/8	● S7061112	● TS70511U17	1"	1"1/16	36	55	18,5	30	32	420
18-20	3/4	● S7061308	● TS70513U12	1"3/16	3/4	37,5	47	13,5	30	22	420
18-20	3/4	● S7061310	● TS70513U14	1"3/16	7/8	37,5	51	16	30	27	420
18-20	3/4	● S7061312	● TS70513U17	1"3/16	1"1/16	37,5	55	18,5	30	32	420
18-20	3/4	● S7061316	● TS70513U21	1"3/16	1"5/16	41,5	60	18,5	36	38	380
22-25	1"	● S7061712	● TS70517U17	1"7/16	1"1/16	41,5	59	18,5	36	32	420
22-25	1"	● S7061716	● TS70517U21	1"7/16	1"5/16	41,5	60	18,5	36	38	380
22-25	1"	● S7061720	● TS70517U26	1"7/16	1"5/8	44,5	62	18,5	41	50	280
28-30-32	1"1/4	● S7062116	● TS70521U21	1"11/16	1"5/16	44,5	62	18,5	41	38	380
28-30-32	1"1/4	● S7062120	● TS70521U26	1"11/16	1"5/8	44,5	62	18,5	41	50	280
28-30-32	1"1/4	● S7062124	● TS70521U30	1"11/16	1"7/8	49	66	18,5	48	55	280
35-38	1"1/2	● S7062520	● TS70525U26	2"	1"5/8	49	66	18,5	48	50	280
35-38	1"1/2	● S7062524	● TS70525U30	2"	1"7/8	49	66	18,5	48	55	280



S707

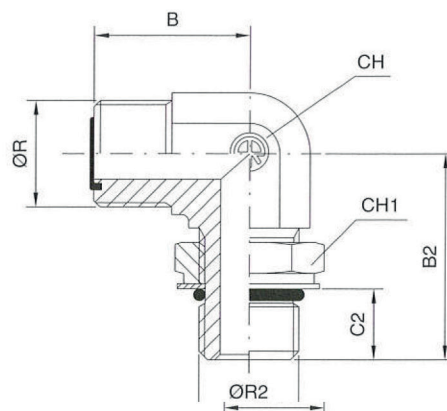
CORPO: GOMITO MASCHIO 90° METRICO ISO 6149-2

CORP: COUDE MÂLE 90° METRIQUE ISO 6149-2

BODY: ELBOW MALE COUPLING 90° METRIC ISO 6149-2

KÖRPER: WINKELEINSCHRAUBVERSCHRAUBUNG 90°
METRISCH ISO 6149-2

CUERPO: CODO MACHO 90° METRICO ISO 6149-2

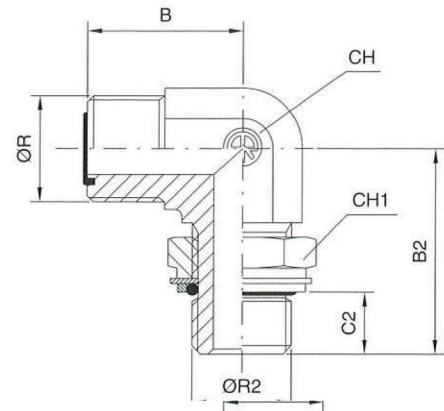


Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	ØR - UNF ORFS	ØR 2 Metrico Metrique Metric Metrisch	B	B2	C2	CH	CH1	PN
mm.	Poll. - Pouces Inch. - Zoll Pulgadas										
6	1/4	● S7070602	● TS70506M10	9/16	10x1	21,5	31	9	14	14	420
6	1/4	● S7070603	● TS70506M12	9/16	12x1,5	21,5	33	11	14	17	420
6	1/4	● S7070604	● TS70506M14	9/16	14x1,5	24	34	11	14	19	420
8-10	5/16 - 3/8	● S7070703	● TS70507M12	11/16	12x1,5	25	36	11	19	17	420
8-10	5/16 - 3/8	● S7070704	● TS70507M14	11/16	14x1,5	25	36	11	19	19	420
8-10	5/16 - 3/8	● S7070705	● TS70507M16	11/16	16x1,5	25	37,5	12,5	19	22	420
12	1/2	● S7070904	● TS70509M14	13/16	14x1,5	28	36	11	19	19	420
12	1/2	● S7070905	● TS70509M16	13/16	16x1,5	28	37,5	12,5	19	22	420
12	1/2	● S7070906	● TS70509M18	13/16	18x1,5	28	41	14	19	24	420
12	1/2	● S7070908	● TS70509M22	13/16	22x1,5	31	49	15	27	27	420
14-15-16	5/8	● S7071106	● TS70511M18	1"	18x1,5	33,5	48	14	27	24	420
14-15-16	5/8	● S7071108	● TS70511M22	1"	22x1,5	33,5	49	15	27	27	420
18-20	3/4	● S7071308	● TS70513M22	1"3/16	22x1,5	37,5	50	15	30	27	420
18-20	3/4	● S7071314	● TS70513M27	1"3/16	27x2	37,5	55,5	18,5	30	32	420
22-25	1"	● S7071716	● TS70517M33	1"7/16	33x2	41,5	59,5	18,5	36	41	420
28-30-32	1"1/4	● S7072116	● TS70521M33	1"11/16	33x2	44,5	62	18,5	41	41	350
28-30-32	1"1/4	● S7072120	● TS70521M42	1"11/16	42x2	44,5	63	19	41	50	280
35-38	1"1/2	● S7072524	● TS70525M48	2"	48x2	49	71,5	21,5	48	55	280



S707W

CORPO: GOMITO MASCHIO 90° METRICO
RONDELLA TENUTA O.RING
CORP: COUDE MÂLE 90° METRIQUE
RONDELLE D'ETANCHEITE O.RING
BODY: ELBOW MALE COUPLING 90° METRIC
O.RING SEAL RING
KÖRPER: WINKELEINSCHRAUBVERSCHRAUBUNG 90° METRISCH
BEWEGLICHE UNTERLEGSCHIEBE F.O.RING
CUERPO: CODO MACHO 90° METRICO
ARANDELA DE RETENCION JUNTA TORICA



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	ØR - UNF ORFS	ØR 2 Metrico Metrique Metric Metrisch	B	B2	C2	CH	CH1	PN
mm.	Poll. - Pouces Inch. - Zoll Pulgadas										
6	1/4	● S7070602W	● TS70506M10W	9/16	10x1	21,5	31	8	14	14	350
6	1/4	● S7070603W	● TS70506M12W	9/16	12x1,5	21,5	33	9,5	14	17	350
6	1/4	● S7070604W	● TS70506M14W	9/16	14x1,5	24	34	9,5	14	19	350
8-10	5/16 - 3/8	● S7070703W	● TS70507M12W	11/16	12x1,5	25	36	9,5	19	17	350
8-10	5/16 - 3/8	● S7070704W	● TS70507M14W	11/16	14x1,5	25	36	9,5	19	19	350
8-10	5/16 - 3/8	● S7070705W	● TS70507M16W	11/16	16x1,5	25	37,5	11	19	22	350
12	1/2	● S7070904W	● TS70509M14W	13/16	14x1,5	28	36	9,5	19	19	350
12	1/2	● S7070905W	● TS70509M16W	13/16	16x1,5	28	37,5	11	19	22	350
12	1/2	● S7070906W	● TS70509M18W	13/16	18x1,5	28	41	12,5	19	24	350
12	1/2	● S7070908W	● TS70509M22W	13/16	22x1,5	31	49	13,5	27	27	250
14-15-16	5/8	● S7071106W	● TS70511M18W	1"	18x1,5	33,5	48	12,5	27	24	250
14-15-16	5/8	● S7071108W	● TS70511M22W	1"	22x1,5	33,5	49	13,5	27	27	250
18-20	3/4	● S7071308W	● TS70513M22W	1"3/16	22x1,5	37,5	50	13,5	30	27	250
18-20	3/4	● S7071314W	● TS70513M27W	1"3/16	27x2	37,5	55,5	16,5	30	32	250
22-25	1"	● S7071716W	● TS70517M33W	1"7/16	33x2	41,5	59,5	16,5	36	41	250
28-30-32	1"1/4	● S7072116W	● TS70521M33W	1"11/16	33x2	44,5	62	16,5	41	41	250
28-30-32	1"1/4	● S7072120W	● TS70521M42W	1"11/16	42x2	44,5	62	17	41	50	175
35-38	1"1/2	● S7072524W	● TS70525M48W	2"	48x2	49	71,5	19,5	48	55	175



S709

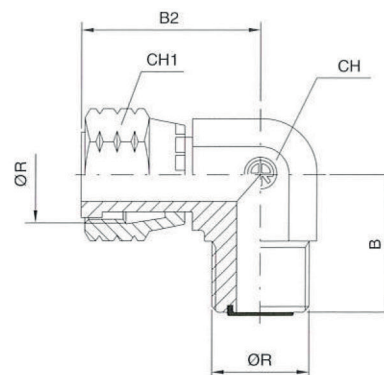
CORPO: UNIONE GOMITO 90° CON DADO GIREVOLE

CORP: UNION COUDE 90° ECROU PIVOTANT

BODY: ELBOW COUPLING 90° WITH ROTARY NUT

KÖRPER: WINKELEINSCHRAUBVERSCHRAUBUNG 90° MIT DREHMUTTER

CUERPO: CODO MACHO 90° CON TUERCA LOCA



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	ØR - UNF ORFS	B	B2	CH	CH1	PN	
mm.	Poll. - Pouces Inch. - Zoll Pulgadas									
6	1/4	● S7090006	● TS7090606	9/16	21,5	26,5	14	17	500	
8-10	5/16 - 3/8	● S7090007	● TS7090707	11/16	25	29	19	22	630	
12	1/2	● S7090009	● TS7090909	13/16	28	38	19	24	630	
14-15-16	5/8	● S7090011	● TS7091111	1"	33,5	41	27	30	420	
18-20	3/4	● S7090013	● TS7091313	1"3/16	37,5	46,5	30	36	420	
22-25	1"	● S7090017	● TS7091717	1"7/16	41,5	53,5	36	41	420	
28-30-32	1"1/4	● S7090021	● TS7092121	1"11/16	44,5	58	41	50	350	
35-38	1"1/2	● S7090025	● TS7092525	2"	49	61	48	60	280	

S711

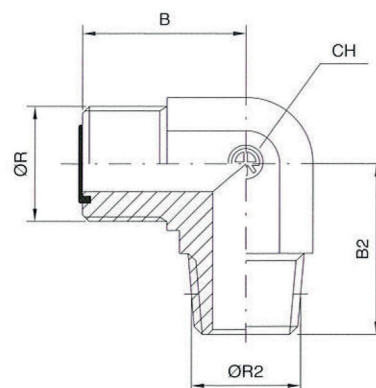
CORPO: GOMITO MASCHIO 90° NPT

CORP: COUDE MÂLE 90° NPT

BODY: ELBOW MALE COUPLING 90° NPT

KÖRPER: WINKELEINSCHRAUBVERSCHRAUBUNG 90° NPT

CUERPO: CODO MACHO 90° NPT

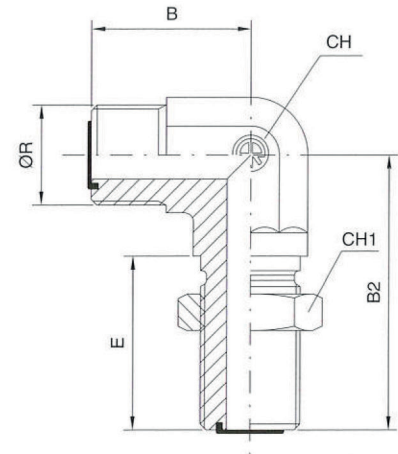


Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	ØR - UNF ORFS	ØR2 NPT	B	B2	CH	PN	
mm.	Poll. - Pouces Inch. - Zoll Pulgadas									
6	1/4	● S7110602	● TS71106N02	9/16	1/8	21,5	20	14	420	
6	1/4	● S7110604	● TS71106N04	9/16	1/4	21,5	29	14	420	
8-10	5/16 - 3/8	● S7110704	● TS71107N04	11/16	1/4	25	31	19	420	
8-10	5/16 - 3/8	● S7110706	● TS71107N06	11/16	3/8	25	31	19	420	
8-10	5/16 - 3/8	● S7110708	● TS71107N08	11/16	1/2	29	37	22	420	
12	1/2	● S7110906	● TS71109N06	13/16	3/8	28	31	19	420	
12	1/2	● S7110908	● TS71109N08	13/16	1/2	30	37	22	420	
12	1/2	● S7110912	● TS71109N12	13/16	3/4	33,5	40	27	280	
14-15-16	5/8	● S7111108	● TS71111N08	1"	1/2	33,5	37	27	420	
14-15-16	5/8	● S7111112	● TS71111N12	1"	3/4	36	40	30	280	
18-20	3/4	● S7111308	● TS71113N08	1"3/16	1/2	37,5	40	30	420	
18-20	3/4	● S7111312	● TS71113N12	1"3/16	3/4	37,5	40	30	280	
18-20	3/4	● S7111316	● TS71113N16	1"3/16	1"	41,5	50	33	210	
22-25	1"	● S7111712	● TS71117N12	1"7/16	3/4	42	45	36	280	
22-25	1"	● S7111716	● TS71117N16	1"7/16	1"	42	50	36	210	
28-30-32	1"1/4	● S7112120	● TS71121N20	1"11/16	1"1/4	44,5	61	41	175	
35-38	1"1/2	● S7112524	● TS71125N24	2"	1"1/2	49	67	48	175	



S713

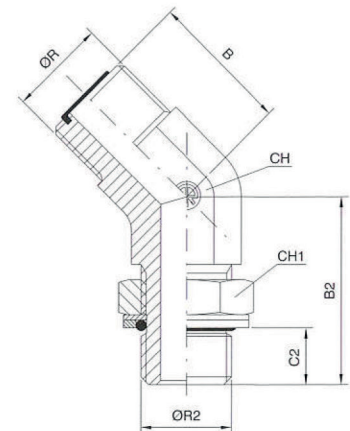
CORPO: UNIONE PASSAPARATIA GOMITO 90°
CORP: UNION TRAVERSÉE COUDE 90°
BODY: BULKHEAD ELBOW 90°
KÖRPER: WINKELSCHOTTVERSCHRAUBUN 90°
CUERPO: UNION PASATABIQUE CODO 90°



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	ØR - UNF ORFS	B	B2	CH	CH1	E	PN	
mm.	Poll. - Pouces Inch. - Zoll Pulgadas										
6	1/4	● S7130006	● TS7130606	9/16	21,5	46	14	22	32	630	
8-10	5/16 - 3/8	● S7130007	● TS7130707	11/16	25	52	19	27	34	630	
12	1/2	● S7130009	● TS7130909	13/16	28	55	19	30	37	630	
14-15-16	5/8	● S7130011	● TS7131111	1"	33,5	63	27	36	41	420	

S735

CORPO: GOMITO MASCHIO 45° BSPP
(GAS CILINDRICO)
CORP: COUDE MÂLE 45° BSPP
(GAZ CILINDRIQUE)
BODY: ELBOW MALE COUPLING 45° BSPP
(B.S.P. PARALLEL)
KÖRPER: WINKLEINSCHRAUBVERSCHRAUBUNG 45° BSPP
(B.S.P. ZYLINDRISCH)
CUERPO: CODO MACHO 45° BSPP
(GAS CILINDRICO)



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	ØR - UNF ORFS	ØR2 BSPP	B	B2	C2	CH	CH1	PN
mm.	Poll. - Pouces Inch. - Zoll Pulgadas										
6	1/4	● S7350602	● TS73506R02	9/16	1/8	16	28	6,3	14	14	350
6	1/4	● S7350604	● TS73506R04	9/16	1/4	17	33	9,5	19	19	350
8-10	5/16 - 3/8	● S7350704	● TS73507R04	11/16	1/4	19	33	9,5	19	19	350
8-10	5/16 - 3/8	● S7350706	● TS73507R06	11/16	3/8	19	34	9,5	19	22	350
8-10	5/16 - 3/8	● S7350708	● TS73507R08	11/16	1/2	19	43	13	27	27	350
12	1/2	● S7350906	● TS73509R06	13/16	3/8	20,5	34	9,5	19	22	350
14-15-16	5/8	● S7351108	● TS73511R08	1"	1/2	23,5	43	13	27	27	350
14-15-16	5/8	● S7351112	● TS73511R12	1"	3/4	24	46	13	30	36	250
18-20	3/4	● S7351312	● TS73513R12	1"3/16	3/4	26	46	13	30	36	250
18-20	3/4	● S7351316	● TS73513R16	1"3/16	1"	30	51	16	36	41	250
22-25	1"	● S7351716	● TS73517R16	1"7/16	1"	30	51	16	36	41	250
28-30-32	1"1/4	● S7352120	● TS73521R20	1"11/16	1"1/4	32	52	16	41	50	210
35-38	1"1/2	● S7352524	● TS73525R24	2"	1"1/2	37	52	16	48	55	140



S736

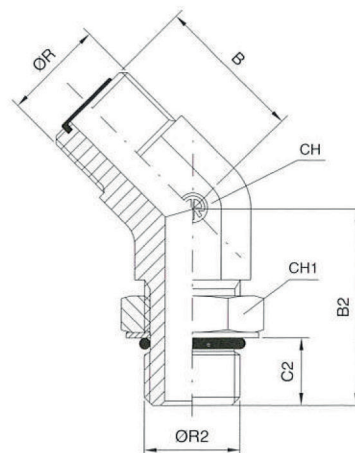
CORPO: GOMITO MASCHIO 45° UNF 2A

CORP: COUDE MÂLE 45° UNF 2A

BODY: ELBOW MALE COUPLING 45° UNF 2A

KÖRPER: WINKELEINSCHRAUBVERSCHRAUBUNG 45° UNF 2A

CUERPO: CODO MACHO 45° UNF 2A

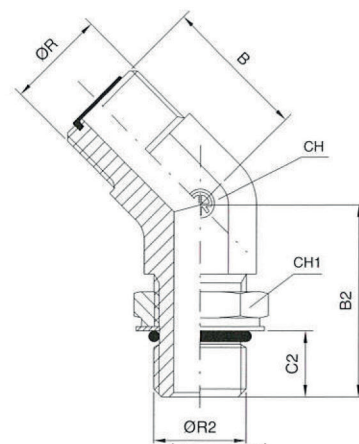


Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	ØR - UNF ORFS	ØR2 UNF	B	B2	C2	CH	CH1	PN
mm.	Poll. - Pouces Inch. - Zoll Pulgadas										
6	1/4	● S7360604	● TS73506U07	9/16	7/16	16	30	11	14	14	630
6	1/4	● S7360606	● TS73506U09	9/16	9/16	17	33	12	19	17	630
8-10	5/16 - 3/8	● S7360704	● TS73507U07	11/16	7/16	19	31	11	19	14	630
8-10	5/16 - 3/8	● S7360706	● TS73507U09	11/16	9/16	19	33	12	19	17	630
8-10	5/16 - 3/8	● S7360708	● TS73507U12	11/16	3/4	19	36	13,5	19	22	630
12	1/2	● S7360906	● TS73509U09	13/16	9/16	20,5	32	12	19	17	630
12	1/2	● S7360908	● TS73509U12	13/16	3/4	20,5	36	13,5	19	22	630
12	1/2	● S7360910	● TS73509U14	13/16	7/8	21	45	16	27	27	420
14-15-16	5/8	● S7361108	● TS73511U12	1"	3/4	23,5	40	13,5	27	22	420
14-15-16	5/8	● S7361110	● TS73511U14	1"	7/8	23,5	45	16	27	27	420
14-15-16	5/8	● S7361112	● TS73511U17	1"	1"1/16	24	50	18,5	30	32	420
18-20	3/4	● S7361310	● TS73513U14	1"3/16	7/8	26	46	16	30	27	420
18-20	3/4	● S7361312	● TS73513U17	1"3/16	1"1/16	26	50	18,5	30	32	420
18-20	3/4	● S7361316	● TS73513U21	1"3/16	1"5/16	30	52	18,5	36	38	420
22-25	1"	● S7361712	● TS73517U17	1"7/16	1"1/16	30	52	18,5	36	32	420
22-25	1"	● S7361716	● TS73517U21	1"7/16	1"5/16	30	52	18,5	36	38	420
22-25	1"	● S7361720	● TS73517U26	1"7/16	1"5/8	32	54	18,5	41	50	420
28-30-32	1"1/4	● S7362120	● TS73521U26	1"11/16	1"5/8	32	54	18,5	41	50	350
35-38	1"1/2	● S7362524	● TS73525U30	2"	1"7/8	37	54	18,5	48	55	280



S737

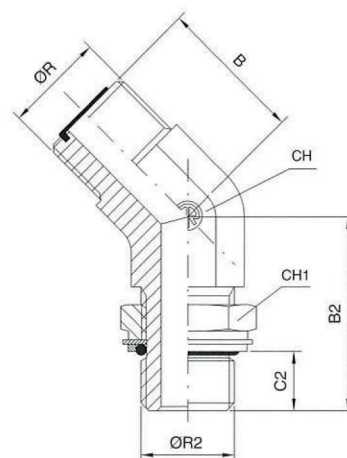
CORPO: GOMITO MASCHIO 45°
METRICO - ISO 6149-2
CORP: COUDE MÂLE 45°
METRIQUE - ISO 6149-2
BODY: ELBOW MALE COUPLING 45°
METRIC - ISO 6149-2
KÖRPER: WINKELEINSCHRAUBVERSCHRAUBUNG 45°
METRISCH - ISO 6149-2
CUERPO: CODO MACHO 45°
METRICO - ISO 6149-2



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	ØR - UNF ORFS	ØR 2 Metrico Metrique Metric Metrisch	B	B2	C2	CH	CH1	PN
mm.	Poll. - Pouces Inch. - Zoll Pulgadas										
6	1/4	● S7370603	● TS73506M12	9/16	12x1,5	16	30	11	14	17	420
8-10	5/16 - 3/8	● S7370705	● TS73507M16	11/16	16x1,5	19	33	12,5	19	22	420
12	1/2	● S7370906	● TS73509M18	13/16	18x1,5	20,5	37	14	19	24	420
14-15-16	5/8	● S7371108	● TS73511M22	1"	22x1,5	23,5	43	15	27	27	420
18-20	3/4	● S7371314	● TS73513M27	1"3/16	27x2	26	50	18,5	30	32	420
22-25	1"	● S7371716	● TS73517M33	1"7/16	33x2	30	52	18,5	36	41	420
28-30-32	1"1/4	● S7372120	● TS73521M42	1"11/16	42x2	32	54	19	41	50	280
35-38	1"1/2	● S7372524	● TS73525M48	2"	48x2	37	56	21,5	48	55	280

S737W

CORPO: GOMITO MASCHIO 45° METRICO
- RONDELLA TENUTA O.RING
CORP: COUDE MÂLE 45° METRIQUE
- RONDELLE D'ETANCHEITE O.RING
BODY: ELBOW MALE COUPLING 45° METRIC
- O.RING SEAL RING
KÖRPER: WINKELEINSCHRAUBVERSCHRAUBUNG 45° METRISCH
- BEWEGLICHE UNTERLEGSCHIEBE F.O.RING
CUERPO: CODO MACHO 45° METRICO
- ARANDELA DE RETENCION JUNTA TORICA



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	ØR - UNF ORFS	ØR 2 Metrico Metrique Metric Metrisch	B	B2	C2	CH	CH1	PN
mm.	Poll. - Pouces Inch. - Zoll Pulgadas										
6	1/4	● S7370603W	● TS73506M12W	9/16	12x1,5	16	30	9,5	14	17	350
8-10	5/16 - 3/8	● S7370705W	● TS73507M16W	11/16	16x1,5	19	33	11	19	22	350
12	1/2	● S7370906W	● TS73509M18W	13/16	18x1,5	20,5	37	12,5	19	24	350
14-15-16	5/8	● S7371108W	● TS73511M22W	1"	22x1,5	23,5	43	13,5	27	27	250
18-20	3/4	● S7371314W	● TS73513M27W	1"3/16	27x2	26	50	16,5	30	32	250
22-25	1"	● S7371716W	● TS73517M33W	1"7/16	33x2	30	52	16,5	36	41	250
28-30-32	1"1/4	● S7372120W	● TS73521M42W	1"11/16	42x2	32	54	17	41	50	175
35-38	1"1/2	● S7372524W	● TS73525M48W	2"	48x2	37	56	19,5	48	55	175



S751

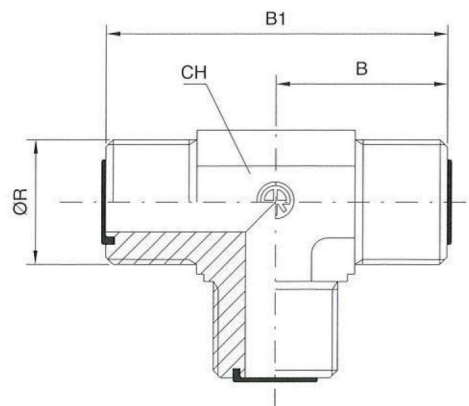
CORPO: UNIONE A "T"

CORP: UNION "T"

BODY: EQUAL TEES

KÖRPER: T-VERSCHRAUBUNG

CUERPO: TE - MACHO MACHO



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	ØR - UNF ORFS	B	B1	CH	PN	
mm.	Poll. - Pouces Inch. - Zoll Pulgadas								
6	1/4	● S7510006	● TS751060606	9/16	21,5	43	14	630	
8-10	5/16 - 3/8	● S7510007	● TS751070707	11/16	25	50	19	630	
12	1/2	● S7510009	● TS751090909	13/16	28	56	19	630	
14-15-16	5/8	● S7510011	● TS751111111	1"	33,5	67	27	420	
18-20	3/4	● S7510013	● TS751131313	1"3/16	37,5	75	30	420	
22-25	1"	● S7510017	● TS751171717	1"7/16	41,5	83	36	420	
28-30-32	1"1/4	● S7510021	● TS751212121	1"11/16	44,5	89	41	350	
35-38	1"1/2	● S7510025	● TS751252525	2"	49	98	48	280	

S755

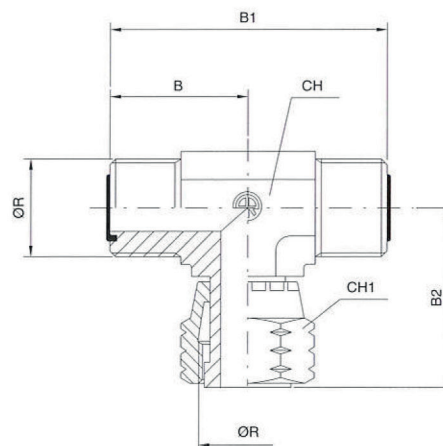
CORPO: "T" DI LINEA CON DADO GIREVOLE

CORP: "T" DE LIGNE ECROU PIVOTANT

BODY: "T" OF LINE WITH ROTARY NUT

KÖRPER: LINIEN-T MIT DREHMUTTER

CUERPO: TE MACHO FIJO CON TUERCA LOCA CENTRAL

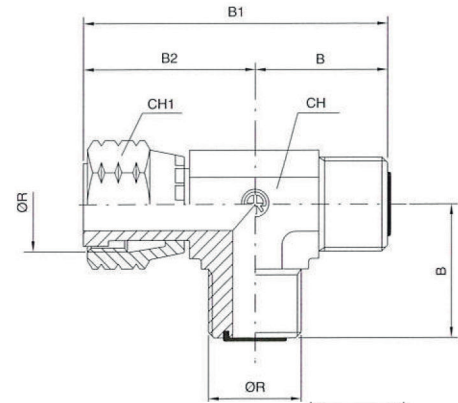


Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	ØR - UNF ORFS	B	B1	B2	CH	CH1	PN	
mm.	Poll. - Pouces Inch. - Zoll Pulgadas										
6	1/4	● S7550006	● TS755060606	9/16	21,5	43	26,5	14	17	500	
8-10	5/16 - 3/8	● S7550007	● TS755070707	11/16	25	50	29	19	22	630	
12	1/2	● S7550009	● TS755090909	13/16	28	56	38	19	24	630	
14-15-16	5/8	● S7550011	● TS755111111	1"	33,5	67	41	27	30	420	
18-20	3/4	● S7550013	● TS755131313	1"3/16	37,5	75	46,5	30	36	420	
22-25	1"	● S7550017	● TS755171717	1"7/16	41,5	83	53,5	36	41	420	
28-30-32	1"1/4	● S7550021	● TS755212121	1"11/16	44,5	89	58	41	50	350	
35-38	1"1/2	● S7550025	● TS755252525	2"	49	98	61	48	60	280	



S759

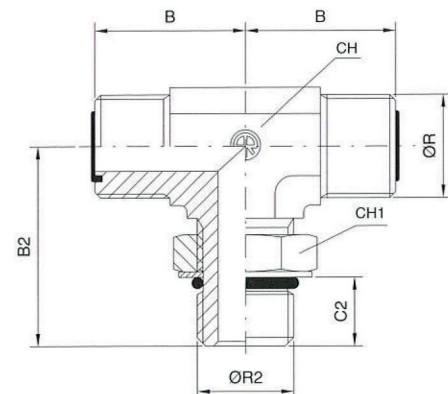
CORPO: "T" DI DERIVAZIONE CON DADO GIREVOLE
CORP: "T" DE DÉRIVATION ECROU PIVOTANT
BODY: DERIVATING "T" WITH ROTARY NUT
KÖRPER: ABLEITUNG "T" MIT DREHMUTTER
CUERPO: TE MACHO FIJO CON TUERCA LOCA LATERAL



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	ØR - UNF ORFS	B	B1	B2	CH	CH1	PN	
mm.	Poll. - Pouces Inch. - Zoll Pulgadas										
6	1/4	● S7590006	● TS759060606	9/16	21,5	48	26,5	14	17	500	
8-10	5/16 - 3/8	● S7590007	● TS759070707	11/16	25	54	29	19	22	630	
12	1/2	● S7590009	● TS759090909	13/16	28	66	38	19	24	630	
14-15-16	5/8	● S7590011	● TS759111111	1"	33,5	74,5	41	27	30	420	
18-20	3/4	● S7590013	● TS759131313	1"3/16	37,5	84	46,5	30	36	420	
22-25	1"	● S7590017	● TS759171717	1"7/16	41,5	95	53,5	36	41	420	
28-30-32	1"1/4	● S7590021	● TS759212121	1"11/16	44,5	102,5	58	41	50	350	
35-38	1"1/2	● S7590025	● TS759252525	2"	49	110	61	48	60	280	

S760

CORPO: "T" MASCHIO DI LINEA UNF 2A
CORP: "T" MÂLE DE LIGNE UNF 2A
BODY: "T" MALE LINE UNF 2A
KÖRPER: LINIEN EINSCHRAUB-T UNF 2A
CUERPO: TE-ORIENTABLE CENTRAL UNF 2A

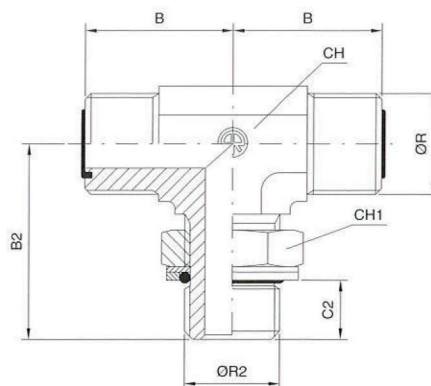


Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	ØR - UNF ORFS	ØR 2 UNF	B	B2	C2	CH	CH1	PN
mm.	Poll. - Pouces Inch. - Zoll Pulgadas										
6	1/4	● S7600604	● TS7600606U07	9/16	7/16	21,5	33	11	14	14	420
8-10	5/16 - 3/8	● S7600706	● TS7600707U09	11/16	9/16	25	37	12	19	17	420
8-10	5/16 - 3/8	● S7600708	● TS7600707U12	11/16	3/4	27	41	13,5	19	22	420
12	1/2	● S7600908	● TS7600909U12	13/16	3/4	28	41	13,5	19	22	420
14-15-16	5/8	● S7601110	● TS7601111U14	1"	7/8	33,5	50	16	27	27	420
18-20	3/4	● S7601312	● TS7601313U17	1"3/16	1"1/16	37,5	55	18,5	30	32	420
18-20	3/4	● S7601316	● TS7601313U21	1"3/16	1"5/16	41,5	60	18,5	36	38	380
22-25	1"	● S7601716	● TS7601717U21	1"7/16	1"5/16	41,5	60	18,5	36	38	380
28-30-32	1"1/4	● S7602120	● TS7602121U26	1"11/16	1"5/8	44,5	62	18,5	41	50	280
35-38	1"1/2	● S7602524	● TS7602525U30	2"	1"7/8	49	66	18,5	48	55	280



S761

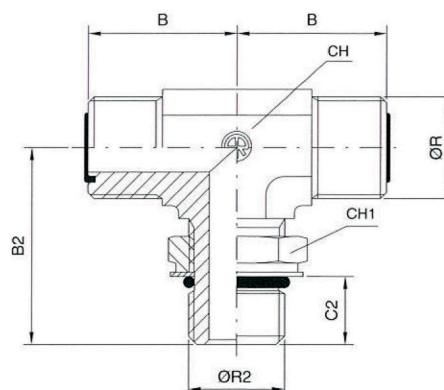
CORPO: "T" MASCHIO DI LINEA BSPP
(GAS CILINDRICO)
CORP: "T" MÂLE DE LIGNE BSPP
(GAZ CILINDRIQUE)
BODY: "T" MALE LINE BSPP
(B.S.P. PARALLEL)
KÖRPER: LINIEN EINSCHRAUB-T BSPP
(B.S.P. ZYLINDRISCH)
CUERPO: TE-ORIENTABLE CENTRAL BSPP
(GAS CILINDRICO)



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	ØR - UNF ORFS	ØR 2 BSPP	B	B2	C2	CH	CH1	PN
mm.	Poll. - Pouces Inch. - Zoll Pulgadas										
6	1/4	● S7610602	● TS7600606R02	9/16	1/8	21,5	30	6,3	14	14	350
6	1/4	● S7610604	● TS7600606R04	9/16	1/4	24	36	9,5	19	19	350
8-10	5/16 - 3/8	● S7610704	● TS7600707R04	11/16	1/4	25	37	9,5	19	19	350
8-10	5/16 - 3/8	● S7610706	● TS7600707R06	11/16	3/8	25	37,5	9,5	19	22	350
12	1/2	● S7610906	● TS7600909R06	13/16	3/8	28	37,5	9,5	19	22	350
12	1/2	● S7610908	● TS7600909R08	13/16	1/2	31	49	13	27	27	350
14-15-16	5/8	● S7611108	● TS7601111R08	1"	1/2	33,5	49,5	13	27	27	350
14-15-16	5/8	● S7611112	● TS7601111R12	1"	3/4	36	51,5	13	30	36	250
18-20	3/4	● S7611312	● TS7601313R12	1"3/16	3/4	37,5	52	13	30	36	250
22-25	1"	● S7611716	● TS7601717R16	1"7/16	1"	41,5	58	16	36	41	250
28-30-32	1"1/4	● S7612120	● TS7602121R20	1"11/16	1"1/4	44,5	60	16	41	50	210
35-38	1"1/2	● S7612524	● TS7602525R24	2"	1"1/2	49	65	16	48	55	140

S762

CORPO: "T" MASCHIO DI LINEA METRICO - ISO 6149-2
CORP: "T" MÂLE DE LIGNE METRIQUE - ISO 6149-2
BODY: "T" MALE LINE METRIC - ISO 6149-2
KÖRPER: LINIEN EINSCHRAUB-T METRISCH - ISO 6149-2
CUERPO: TE-ORIENTABLE CENTRAL METRICO - ISO 6149-2

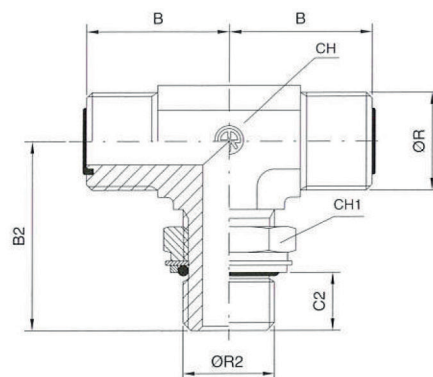


Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	ØR - UNF ORFS	ØR 2 Metrico Metrique Metric Metrisch	B	B2	C2	CH	CH1	PN
mm.	Poll. - Pouces Inch. - Zoll Pulgadas										
6	1/4	● S7620603	● TS7600606M12	9/16	12x1,5	21,5	33	11	14	17	420
8-10	5/16 - 3/8	● S7620705	● TS7600707M16	11/16	16x1,5	25	37,5	12,5	19	22	420
12	1/2	● S7620906	● TS7600909M18	13/16	18x1,5	28	41	14	19	24	420
14-15-16	5/8	● S7621108	● TS7601111M22	1"	22x1,5	33,5	49	15	27	27	420
18-20	3/4	● S7621314	● TS7601313M27	1"3/16	27x2	37,5	55,5	18,5	30	32	420
22-25	1"	● S7621716	● TS7601717M33	1"7/16	33x2	41,5	59,5	18,5	36	41	420
28-30-32	1"1/4	● S7622120	● TS7602121M42	1"11/16	42x2	44,5	62	19	41	50	280
35-38	1"1/2	● S7622524	● TS7602525M48	2"	48x2	49	71,5	21,5	48	55	280



S762W

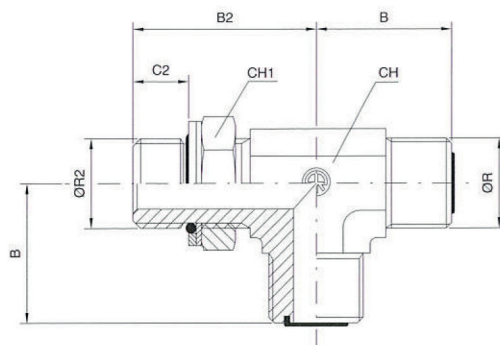
CORPO: "T" MASCHIO DI LINEA METRICO -
RONDELLA TENUTA O.RING
CORP: "T" MÂLE DE LIGNE METRIQUE -
RONDELLE D'ETANCHEITÉ O.RING
BODY: "T" MALE LINE METRIC -
O.RING SEAL RING
KÖRPER: LINIEN EINSCHRAUB-T METRISCH -
BEWEGLICHE UNTERLEGSCHIBE F.O.RING
CUERPO: TE-ORIENTABLE CENTRAL METRICO -
ARANDELA DE RETENCION JUNTA TORICA



Ø TUBO-TUBE-ROHR		Articolo Article Item	Codice Reference Code	ØR - UNF ORFS	ØR 2 Metrico Metrique Metric Metrisch	B	B2	C2	CH	CH1	PN
mm.	Poll. - Pouces Inch. - Zoll Pulgadas	Artikelnummer Artículo	Code Best-nr Código								
6	1/4	● S7620603W	● TS7600606M12W	9/16	12x1,5	21,5	33	9,5	14	17	350
8-10	5/16 - 3/8	● S7620705W	● TS7600707M16W	11/16	16x1,5	25	37,5	11	19	22	350
12	1/2	● S7620906W	● TS7600909M18W	13/16	18x1,5	28	41	12,5	19	24	350
14-15-16	5/8	● S7621108W	● TS7601111M22W	1"	22x1,5	33,5	49	13,5	27	27	250
18-20	3/4	● S7621314W	● TS7601313M27W	1"3/16	27x2	37,5	55,5	16,5	30	32	250
22-25	1"	● S7621716W	● TS7601717M33W	1"7/16	33x2	41,5	59,5	16,5	36	41	250
28-30-32	1"1/4	● S7622120W	● TS7602121M42W	1"11/16	42x2	44,5	62	17	41	50	175
35-38	1"1/2	● S7622524W	● TS7602525M48W	2"	48x2	49	71,5	19,5	48	55	175

S763

CORPO: "T" MASCHIO DI DERIVAZIONE BSPP (GAS CILINDRICO)
CORP: "T" MÂLE DE DERIVATION BSPP (GAZ CILINDRIQUE)
BODY: DERIVATING "T" BSPP (B.S.P. PARALLEL)
KÖRPER: ABLEITUNG "T" BSPP (B.S.P. ZYLINDRISCH)
CUERPO: TE-ORIENTABLE LATERAL BSPP (GAS CILINDRICO)



Ø TUBO-TUBE-ROHR		Articolo Article Item	Codice Reference Code	ØR - UNF ORFS	ØR 2 BSPP	B	B2	C2	CH	CH1	PN
mm.	Poll. - Pouces Inch. - Zoll Pulgadas	Artikelnummer Artículo	Code Best-nr Código								
6	1/4	● S7630602	● TS7630606R02	9/16	1/8	21,5	30	6,3	14	14	350
6	1/4	● S7630604	● TS7630606R04	9/16	1/4	24	36	9,5	19	19	350
8-10	5/16 - 3/8	● S7630704	● TS7630707R04	11/16	1/4	25	37	9,5	19	19	350
8-10	5/16 - 3/8	● S7630706	● TS7630707R06	11/16	3/8	25	37,5	9,5	19	22	350
12	1/2	● S7630906	● TS7630909R06	13/16	3/8	28	37,5	9,5	19	22	350
12	1/2	● S7630908	● TS7630909R08	13/16	1/2	31	49	13	27	27	350
14-15-16	5/8	● S7631108	● TS7631111R08	1"	1/2	33,5	49,5	13	27	27	350
14-15-16	5/8	● S7631112	● TS7631111R12	1"	3/4	36	51,5	13	30	36	250
18-20	3/4	● S7631312	● TS7631313R12	1"3/16	3/4	37,5	52	13	30	36	250
22-25	1"	● S7631716	● TS7631717R16	1"7/16	1"	41,5	58	16	36	41	250
28-30-32	1"1/4	● S7632120	● TS7632121R20	1"11/16	1"1/4	44,5	60	16	41	50	210
35-38	1"1/2	● S7632524	● TS7632525R24	2"	1"1/2	49	65	16	48	55	140



S764

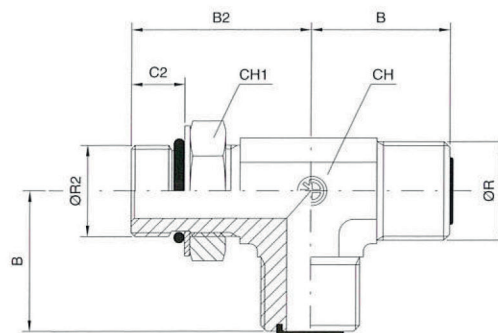
CORPO: "T" MASCHIO DI DERIVAZIONE METRICO - ISO 6149-2

CORP: "T" MÂLE DE DERIVATION METRIQUE - ISO 6149-2

BODY: DERIVATING "T" METRIC - ISO 6149-2

KÖRPER: ABLEITUNG "T" METRISCH - ISO 6149-2

CUERPO: TE ORIENTABLE LATERAL METRICO - ISO 6149-2



Ø TUBO-TUBE-ROHR		Articolo Article Item	Codice Reference Code	ØR - UNF ORFS	ØR 2 Metrico Metrique Metric Metrisch	B	B2	C2	CH	CH1	PN
mm.	Poll. - Pouces Inch. - Zoll Pulgadas	Artikelnummer Artículo	Code Best-nr Código								
6	1/4	● S7640603	● TS7630606M12	9/16	12x1,5	21,5	33	11	14	17	420
8-10	5/16 - 3/8	● S7640705	● TS7630707M16	11/16	16x1,5	25	37,5	12,5	19	22	420
12	1/2	● S7640906	● TS7630909M18	13/16	18x1,5	28	41	14	19	24	420
14-15-16	5/8	● S7641108	● TS7631111M22	1"	22x1,5	33,5	49	15	27	27	420
18-20	3/4	● S7641314	● TS7631313M27	1"3/16	27x2	37,5	55,5	18,5	30	32	420
22-25	1"	● S7641716	● TS7631717M33	1"7/16	33x2	41,5	59,5	18,5	36	41	420
28-30-32	1"1/4	● S7642120	● TS7632121M42	1"11/16	42x2	44,5	62	19	41	50	280
35-38	1"1/2	● S7642524	● TS7632525M48	2"	48x2	49	71,5	21,5	48	55	280

S764W

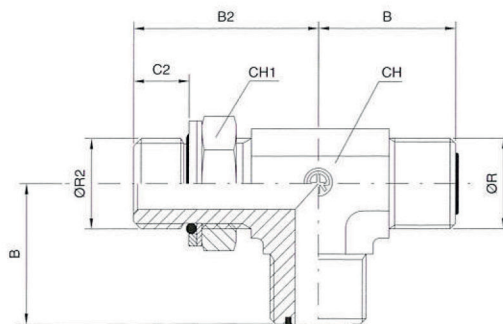
CORPO: "T" MASCHIO DI DERIVAZIONE METRICO -
RONDELLA TENUTA O.RING

CORP: "T" MÂLE DE DERIVATION METRIQUE -
RONDELLE D'ETANCHEITÉ O.RING

BODY: DERIVATING "T" METRIC -
O.RING SEAL RING

KÖRPER: ABLEITUNG "T" METRISCH -
BEWEGLICHE UNTERLEGSCHIEBE F.O. RING

CUERPO: TE ORIENTABLE LATERAL METRICO -
ARANDELA DE RETENCION JUNTA TORICA



Ø TUBO-TUBE-ROHR		Articolo Article Item	Codice Reference Code	ØR - UNF ORFS	ØR 2 Metrico Metrique Metric Metrisch	B	B2	C2	CH	CH1	PN
mm.	Poll. - Pouces Inch. - Zoll Pulgadas	Artikelnummer Artículo	Code Best-nr Código								
6	1/4	● S7640603W	● TS7630606M12W	9/16	12x1,5	21,5	33	9,5	14	17	350
8-10	5/16 - 3/8	● S7640705W	● TS7630707M16W	11/16	16x1,5	25	37,5	11	19	22	350
12	1/2	● S7640906W	● TS7630909M18W	13/16	18x1,5	28	41	12,5	19	24	350
14-15-16	5/8	● S7641108W	● TS7631111M22W	1"	22x1,5	33,5	49	13,5	27	27	250
18-20	3/4	● S7641314W	● TS7631313M27W	1"3/16	27x2	37,5	55,5	16,5	30	32	250
22-25	1"	● S7641716W	● TS7631717M33W	1"7/16	33x2	41,5	59,5	16,5	36	41	250
28-30-32	1"1/4	● S7642120W	● TS7632121M42W	1"11/16	42x2	44,5	62	17	41	50	175
35-38	1"1/2	● S7642524W	● TS7632525M48W	2"	48x2	49	71,5	19,5	48	55	175



S765

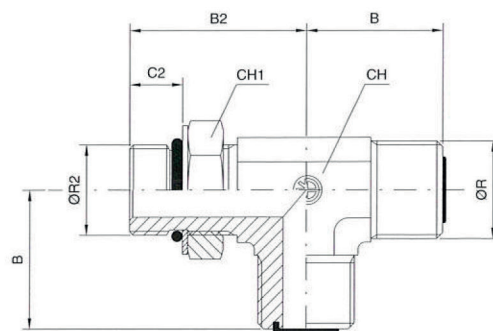
CORPO: "T" MASCHIO DI DERIVAZIONE UNF 2A

CORP: "T" MÂLE DE DERIVATION UNF 2A

BODY: DERIVATING "T" UNF 2A

KÖRPER: ABLEITUNG "T" UNF 2A

CUERPO: TE ORIENTABLE LATERAL UNF 2A



Ø TUBO-TUBE-ROHR		Articolo Article Item Artikelnummer Artículo	Codice Reference Code Best-nr Código	ØR - UNF ORFS	ØR 2 UNF	B	B2	C2	CH	CH1	PN
mm.	Poll. - Pouces Inch. - Zoll Pulgadas										
6	1/4	● S7650604	● TS7630606U07	9/16	7/16	21,5	33	11	14	14	420
8-10	5/16 - 3/8	● S7650706	● TS7630707U09	11/16	9/16	25	37	12	19	17	420
8-10	5/16 - 3/8	● S7650708	● TS7630707U12	11/16	3/4	27	41	13,5	19	22	420
12	1/2	● S7650908	● TS7630909U12	13/16	3/4	28	41	13,5	19	22	420
14-15-16	5/8	● S7651110	● TS7631111U14	1"	7/8	33,5	50	16	27	27	420
18-20	3/4	● S7651312	● TS7631313U17	1"3/16	1"1/16	37,5	55	18,5	30	32	420
18-20	3/4	● S7651316	● TS7631313U21	1"3/16	1"5/16	41,5	60	18,5	36	38	380
22-25	1"	● S7651716	● TS7631717U21	1"7/16	1"5/16	41,5	60	18,5	36	38	380
28-30-32	1"1/4	● S7652120	● TS7632121U26	1"11/16	1"5/8	44,5	62	18,5	41	50	280
35-38	1"1/2	● S7652524	● TS7632525U30	2"	1"7/8	49	66	18,5	48	55	280



Finitura superficiale dei raccordi in acciaio al carbonio

ZINCONICHELATURA

Processo elettrolitico, che depositando sul metallo una lega di Zinco e Nichel, gli concede una maggiore durezza e resistenza, rallentando l'apparizione di corrosione bianca (primi segni dopo 500 ore) e di ruggine rossa (primi segni dopo 1500 ore), oltre a dargli un ottimo aspetto estetico. Conforme alle ore all'esposizione della nebbia salina in accordo alle normative ISO 9227-ASTM B117.

La Rastelli Raccordi, probabilmente l'unica casa produttrice di raccordi ad avere nelle proprie officine di produzione impianti di zincatura, ha messo a punto in omaggio alla legge in oggetto, il trattamento sopra descritto.

Ricordiamo che questo trattamento elimina il cromo esavalente, notoriamente pericoloso all'uomo e all'ambiente, inserendo il raccordo Rastelli tra i prodotti ecologici, cioè NON NOCIVI.

Oberflächenendbearbeitung von Verschraubungen aus Kohlenstoffstahl

ZINK-NICKELBEHANDLUNG

Elektrolytisches Verfahren, bei dem eine Legierung aus Zink und Nickel auf dem Metall abgeschieden wird, wodurch es härter und widerstandsfähiger wird, das Auftreten von weißer Korrosion (erste Anzeichen nach 500 Stunden) und Rotrost (erste Anzeichen nach 1500 Stunden) verlangsamt wird und ihm ein hervorragendes ästhetisches Erscheinungsbild verleiht. Entspricht den Stunden der Salzsprühnebelexposition gemäß ISO 9227-ASTM B117.

Rastelli Raccordi, wahrscheinlich der einzige Hersteller von Verschraubungen, der in seinen Produktionswerkstätten über Verzinkungsanlagen verfügt, hat die oben beschriebene Behandlung in Berücksichtigung des betreffenden Gesetzes entwickelt.

Durch diese Behandlung wird sechswertiges Chrom vermieden, das bekanntermaßen gefährlich für Mensch und Umwelt ist, so dass die Rastelli-Verschraubungen zu den ökologischen Produkten gezählt werden können, d.h. NICHT SCHÄDLICH.

Surface finishing of Carbon Steel Fittings

ZINC NICHELATING

Electrolytic process, which deposits an alloy of Zinc and Nickel on the metal, giving it greater hardness and resistance, slowing down the appearance of white corrosion (first signs after 500 hours) and red rust (first signs after 1500 hours), as well as giving it an excellent aesthetic appearance. Complies with the hours of salt spray exposure in accordance with ISO 9227-ASTM B117.

Rastelli Raccordi, probably the only manufacturer of fittings to have galvanizing systems in its production workshops, has developed the treatment described above in homage to the law in question.

We remind you that this treatment eliminates hexavalent chromium, which is known to be dangerous to humans and the environment, by including the Rastelli fitting among the ecological products, i.e. NON-HARMFUL.



Traitement de surface des raccords en acier au carbone

NICHÉLATION DU ZINC

Le processus électrolytique qui dépose un alliage de zinc et de nickel sur le métal, lui confère une plus grande dureté et résistance en ralentissant l'apparition de la corrosion blanche (premiers signes après 500 heures) ainsi que la rouille rouge (premiers signes après 1500 heures) lui donnant ainsi un excellent aspect esthétique. Ainsi les heures d'exposition au brouillard salin se révèlent conforme à la norme ISO 9227-ASTM B117.

RASTELLI RACCORDI qui est un des seuls fabricants de raccords à disposer des systèmes de traitement de surface dans ses ateliers de production, a développé le traitement décrit ci-dessus suivant les impératifs des nouvelles normes en vigueur.

Nous vous rappelons que ce traitement élimine le chrome hexavalent, connu pour être dangereux pour l'homme et l'environnement, en incluant le raccord RASTELLI parmi les produits écologiques, c'est-à-dire NON NOCIF.

Acabado superficial de racores de acero al carbono

RECUBRIMIENTO DE ZINC-NIQUEL

Proceso electrolítico que deposita una aleación de Zinc y Níquel sobre el metal, dotándolo de mayor dureza y resistencia, frenando la aparición de corrosión blanca (primeros signos a partir de las 500 horas) y óxido rojo (primeros signos a partir de las 1500 horas), además de darle un excelente aspecto estético. Cumple con las horas de exposición a niebla salina de acuerdo con la norma ISO 9227-ASTM B117.

Rastelli Raccordi, probablemente el único fabricante de racores que dispone de sistemas de galvanizado en sus talleres de producción, ha desarrollado el tratamiento descrito anteriormente de acuerdo con las disposiciones que requiere la ley en cuestión.

Le recordamos que este tratamiento elimina el cromo hexavalente, que se sabe que es peligroso para los seres humanos y el medio ambiente, incluye el racor Rastelli entre los productos ecológicos, es decir, NO NOCIVOS.



- Gli articoli su fondo colorato sono disponibili su richiesta con consegna da pronta a 60 giorni.
Prezzo: escluso dallo sconto massimo.
- Les articles sur fond coloré sont disponibles sur demande avec livraison d'immédiate jusqu'à 60 jours.
Prix: exclus de l'escompte maximum.
- The articles on a coloured background are available on request with prompt to 60-days delivery.
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RESPONSABILITÀ PRODOTTI

La nostra ditta è assicurata da una Polizza di Responsabilità Prodotti per qualsiasi importo, disastri compresi.

La legge D.P.R. 224/88 CE/85-374 dice però che "la Responsabilità" sarà imputata alla parte che risulterà essere stata negligente.

Il rivenditore a sua volta ha la responsabilità di accertarsi se il cliente sa come deve essere impiegato il prodotto fornendo il catalogo tecnico-commerciale al momento della vendita. L'utente è responsabile se, pur in possesso delle istruzioni di come impiegare il prodotto, non le rispetta, credendole superflue per sua convinzione o superficialità. Quindi la legge prevede che ciascuna delle parti ne prenda responsabilità perché è conveniente per tutti collaborare per evitare casi o disastri. I diritti di garanzia dell'utilizzatore sono validi solo se vengono rispettate tutte le prescrizioni riportate sui Cat. Rastelli. Il mancato rispetto delle stesse può pregiudicare la sicurezza funzionale del prodotto e causare la perdita dei diritti di garanzia.

PRODUKTHAFTPFLICHT

Unsere Firma ist durch eine Produkthaftpflichtpolice für jeglichen Betrag, Unfälle inbegriffen, versichert.

Nach dem Gesetz D.P.R. 224/88 EG/85-374 haftet jedoch die Partei, die erwiesenermaßen nachlässig war. Das Produkt kann verantwortlich gemacht werden, wenn der Schaden durch seine Mängel verursacht wurde. Der Verkäufer trägt seinerseits die Verantwortung, sich zu vergewissern, daß der Kunde darüber unterrichtet ist, wie das Produkt einzusetzen ist. Der Anwender haftet, falls er, obwohl in Besitz der Gebrauchsanweisung, sie nicht berücksichtigt, weil er sie aus eigener Überzeugung oder Oberflächlichkeit für überflüssig hält.

Das Gesetz sieht vor, daß jede Partei die Verantwortung übernimmt, denn die Zusammenarbeit um Zwischenfälle Oder Unfälle zu vermeiden ist für alle von Vorteil. Die Gewährleistungen können vom Benutzer nur dann in Anspruch genommen werden, wenn alle in den Rastelli-Katalogen enthaltenen Hinweise beobachtet worden sind. Das Versäumnis, das zu tun, kann die Funktionssicherheit des Produktes beeinträchtigen und die Ungültigkeit der Gewährleistungsansprüche verursachen.

LIABILITY FOR PRODUCTS

Our company is insured, for an unlimited figure, by a Policy of Liability for Products, which also covers accidents.

The law D.P.R. 224/88 CE/85-374, however, states that "liability" will be attributed to the party which proves to have been negligent.

The product is liable if the damage caused proves to be due to a defect in the product itself. The retailer, in turn, is responsible for ascertaining whether his customer is fully aware of how the product should be used giving the commercial technical catalogue in force at the moment of the sale. The user is liable if, despite being in possession of instructions relating to use of the product, he fails to follow these instructions, believing them to be merely a superfluous formality. The law, therefore, prescribes that both parties should accept their due measure of responsibility, as it is better that everyone should make a concerted effort to avoid cases or accidents of this nature. The guarantee rights can be claimed by the user only if all the instructions contained in the RASTELLI Catalogues have been observed. A failure to observe them may impair the functional safety of the product and implicate the loss of the guarantee rights.

RESPONSABILITE PRODUITS

En cas de sinistre notre Société est assurée par une police d'assurance "responsabilité produits" a montant illimité.

La loi D.P.R. 224/88 CE/85-374 précise que la responsabilité sera imputée à la partie qui se révélera avoir été négligente. Le produit sera mis en cause si le dommage est du à un défaut de fabrication. Tout utilisateur devra avoir pris connaissance de la notice de montage et de la capacité d'utilisation de nos produits en fournissant du catalogue technique en vigueur au moment de la vente. Dans le cas contraire, l'utilisateur sera tenu pour responsable des risques encourus. La loi prévoit que chacune des parties assume ses responsabilités étant recommandé à tous de collaborer afin d'éviter tout dommage. Des notices d'utilisation de nos produits sont à votre disposition. Les droits de garantie de l'utilisateur ne sont valables que si l'on a observé toutes les prescriptions contenues dans les Catalogues de RASTELLI. Leur inobservance peut compromettre la sécurité fonctionnelle du produit et causer la perte des droits de garantie.

RESPONSABILIDAD DE LOS PRODUCTOS

Nuestra sociedad está asegurada mediante una Póliza de Responsabilidad de los Productos, por cualquier importe, incluyendo posibles desastres. Sin embargo, la ley D.P.R. 224/88 CE/85-374 dice que "la Responsabilidad" se imputará a la parte culpable de negligencia. A su vez, le corresponde al agente revendedor la responsabilidad de cerciorarse de que el cliente sabe cómo tiene que emplear el producto suministrando el catalogo técnico y comercial en uso en el momento de la venta. El usuario será responsable de los posibles daños si, aun conociendo las instrucciones para el uso correcto del producto, no las respeta considerándolas - por propia convicción o superficialidad - superfluas. La ley prevé, entonces, que cada parte asuma su responsabilidad, siendo conveniente para todos colaborar para prevenir todo tipo de accidente. Los derechos que la garantía otorga al usuario valen sólo si se respetan todas las instrucciones que se dan en los Catálogos Rastelli. El incumplimiento de dichas instrucciones puede comprometer la seguridad de funcionamiento del producto y provocar la pérdida de los derechos de garantía.

Le quote ed i dati tecnici riportati in questo catalogo tecnico commerciale sono soltanto a titolo indicativi. La RASTELLI RACCORDI si riserva il diritto di apportare variazioni tecniche, dimensionali ed estetiche ai propri prodotti senza preavviso. Il presente catalogo annulla e sostituisce tutti i precedenti. Testi originali in lingua italiana che fanno testo in caso di differenze interpretative con le versioni estere

Die in den Katalogtabellen angegebenen Maße und Gewichte verstehen sich als hinweisend. RASTELLI RACCORDI behält sich das Recht vor, Änderungen der technischen Eigenschaften, der Abmessungen und der ästhetischen Gestaltung ihrer Produkte vorzunehmen. Dieser Katalog annulliert und ersetzt alle vorherigen. Es gelten die Originaltexte in italienischer Sprache im Falle von Interpretationsunterschieden mit den Versionen in anderen Sprachen.

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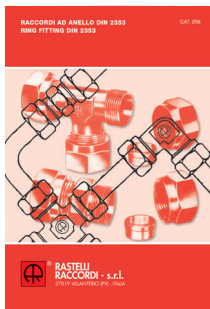
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PRODOTTI - PRODUITS - PRODUCTS - PRODUKTE - PRODUCTOS

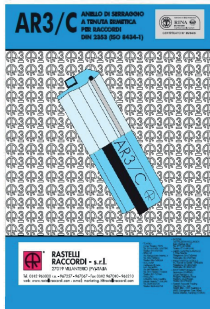
DIN 2353 - ISO 8434-1



RACCORDI AD ANELLO PER ALTE PRESSIONI DIN 2353
RACCORDS À BAGUE POUR PRESSIONS ÉLEVÉES DIN 2353
RING FITTINGS FOR HIGH PRESSURES DIN 2353
HOCHDRUCK - ROHRVERSCHRAUBUNGEN DIN 2353
RACORES DE ANILLO PARA ALTAS PRESIONES DIN 2353

ACCIAIO AL CARBONIO - ACCIAIO INOX
ACIER AU CARBONE - ACIER INOX
CARBON STEEL - STAINLESS STEEL
KOHLENSTOFF STAHL - EDELSTAHL
ACERO AL CARBONIO - ACERO INOXIDABLE

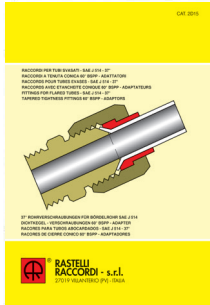
DIN 2353 - ISO 8434-1 - AR3



AR3/C ANELLO DI SERRAGGIO A TENUTA ERMETICA PER RACCORDI DIN 2353 (ISO 8434-1)
AR3/C CUTTING RING WITH TOGHT SEALING FOR APE FITTINS DIN 2353 (ISO 8434-1)
AR3/C BAGUE DE SERRAGE ETANCHE POUR RACCORDS DIN 2353 (ISO 8434-1)

ACCIAIO AL CARBONIO - ACCIAIO INOX
ACIER AU CARBONE - ACIER INOX
CARBON STEEL - STAINLESS STEEL
KOHLENSTOFF STAHL - EDELSTAHL
ACERO AL CARBONIO - ACERO INOXIDABLE

SAE J514 - BS 5200



RACCORDI PER TUBI SVASATI - 37° - RACCORDI A TENUTA CONICA 60° BSPP - ADATTATORI
RACCORDS POUR TUBES ÉVASÉS - 37° - RACCORDS A TENUE CONIQUE 60° BSPP - ADAPTATEURS
FITTINGS FOR FLARED TUBES - 37° - TAPERED TIGHTNESS FITTINGS 60° BSPP - ADAPTORS
37° ROHRVERSCHRAUBUNGEN FÜR BÖRDELROHR
DICHTKEGEL VERSCHRAUBUNGEN 60° BSPP - ADAPTER
RACORES PARA TUBOS ABOCARDADOS - SAE J514 - 37°
RACORES DE CIERRE CONICO 60° BSPP - ADAPTADORES

ACCIAIO AL CARBONIO - ACCIAIO INOX
ACIER AU CARBONE - ACIER INOX
CARBON STEEL - STAINLESS STEEL
KOHLENSTOFF STAHL - EDELSTAHL
ACERO AL CARBONIO - ACERO INOXIDABLE

NF STANDARD



RACCORDI AD ANELLO PER TUBI GAS
RACCORDS À BAGUE POUR TUBES GAZ
RING FITTINGS (GAZ TYPE)
ROHRVERSCHRAUBUNGEN (FR. REIHE GAZ)
RACORES DE ANILLO PARA TUBOS GAZ

ACCIAIO AL CARBONIO - ACCIAIO INOX
ACIER AU CARBONE - ACIER INOX
CARBON STEEL - STAINLESS STEEL
KOHLENSTOFF STAHL - EDELSTAHL
ACERO AL CARBONIO - ACERO INOXIDABLE

B.S. - SAE - DIN - NF STANDARD



RACCORDI TUBO FLESSIBILE
EMBOUT DE FLEXIBLES
FLEXIBLE TUBE FITTINGS
SCHLAUCHARMATUREN
RACOR PARA TUBO FLEXIBLE

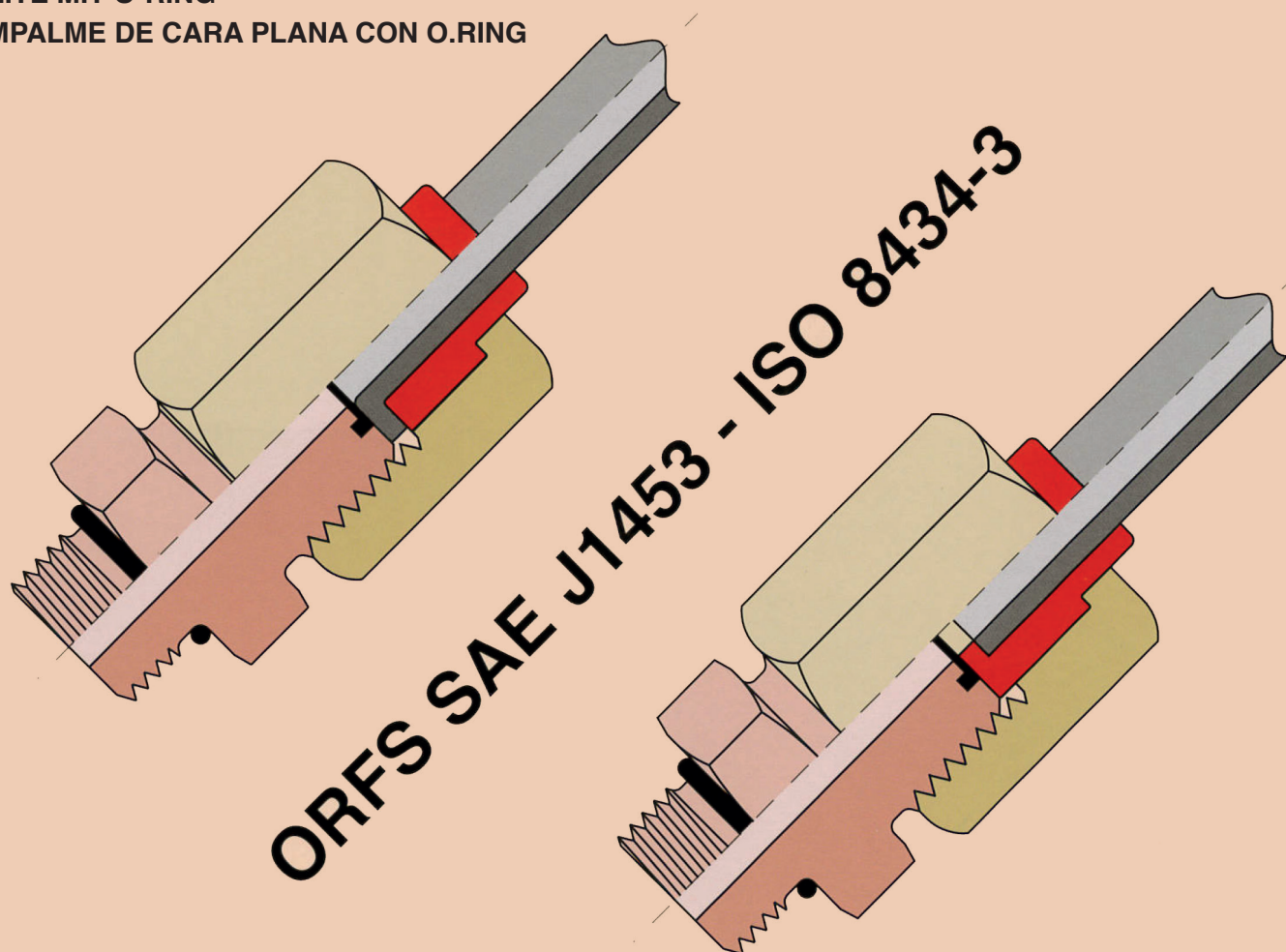
ACCIAIO AL CARBONIO - ACCIAIO INOX
ACIER AU CARBONE - ACIER INOX
CARBON STEEL - STAINLESS STEEL
KOHLENSTOFF STAHL - EDELSTAHL
ACERO AL CARBONIO - ACERO INOXIDABLE



RR-FORM MACCHINA PER FORMATURA A FREDDO DI TUBI
RR-FORM TUBE COLD FORMING MACHINE

ACCIAIO AL CARBONIO - ACCIAIO INOX
ACIER AU CARBONE - ACIER INOX
CARBON STEEL - STAINLESS STEEL
KOHLENSTOFF STAHL - EDELSTAHL
ACERO AL CARBONIO - ACERO INOXIDABLE

RACCORDI A FACCIA PIANA CON O.RING
RACCORDS À SURFACE PLATE
AVEC ANNEAU TORIQUE
O.RING FACE SEAL FITTINGS
ANSCHLUSSSTÜCKE MIT GLATTER
SEITE MIT O-RING
EMPALME DE CARA PLANA CON O.RING



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